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iPhone + iPad Life

Best Apps • Top Tips • Great Gear

IPHONELIFE.COM
MAY-JUNE 2015 VOL. 7, NO. 3



The Travel Issue

Explore the World
with Your iPhone

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Everything You Need to
Know Before Buying PG 18





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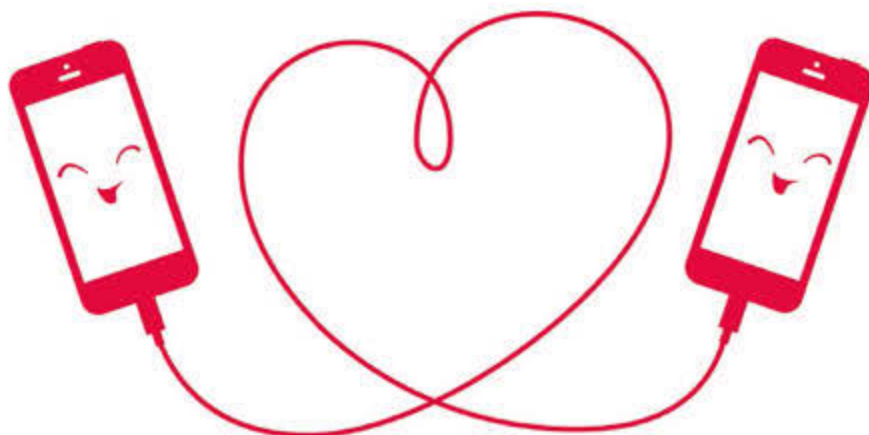
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Editor's Message

To Rome with Love (and My iPhone)

A little over a year ago, I had the good fortune to visit Rome. I visited the Italian capital's great historic landmarks, strolled along the Tiber River each day, and sipped cappuccino in the morning and Aperol Spritz in the afternoon. It was one of the richest experiences I've ever had, and also one that opened my eyes to how many opportunities mobile technology provides for travelers. I found that my iPhone held the key to almost everything I did while I was there.

I used Yelp to find the best pizza and gelato (Frigidarium, hands down) and to discover new dishes, such as beef carpaccio drizzled with truffle honey and the authentic Roman pasta dish, Cacio e Pepe.

I navigated the city using Apple Maps, which let me cache routes while connected to Wi-Fi and then track my progress using GPS. European travel expert Rick Steves guided me through the Colosseum and Vatican with his walking tour app. I researched wine tours in the Tuscan countryside, messaged friends on WhatsApp, took pictures by the Trevi fountain, and corresponded with our Airbnb host, all with my iPhone.

That's what this issue is all about—helping you plan and make the most of your trip using the device that's never far from your hand anyway (see pg. 41). This might just be our favorite issue of the year, and we hope you enjoy reading it as much as we loved putting it together.

A Critical Moment for the Apple Watch

Unlike the iPhone, the Apple Watch has not yet proven why it should become a central part of our lives. It wasn't until Apple's "Spring Forward" event in March that we learned of the full capabilities of Apple's first wearable, including its sale date of April 24. (See pg. 18 for a full rundown.)

Meanwhile, wearable technology is still struggling to find its foothold in the public's imagination, as a string of Android wearables have come to market in the past year with varying degrees of success.

The Apple Watch has already surpassed its Android competition in terms of design and build. According to early reviews, it is intuitive, yet requires a substantial learning curve to master its digital crown, small screen, and vibrating notifications. It isn't just a miniaturized version of the iPhone. But design alone will not prove the value of the Apple Watch—rather, its success will depend upon a healthy ecosystem of quality, intuitive apps that make it truly useful. If developers can figure out a way to make us view the Apple Watch as part of our daily lives, it could revolutionize mobile technology the same way the iPhone and the iPad did.

With any luck, next year I'll be telling you about how the Apple Watch transformed my trip to Greece! ⚡



Donna Schill Cleveland

Editor in Chief

iPhone Life magazine, donna@iphonelife.com

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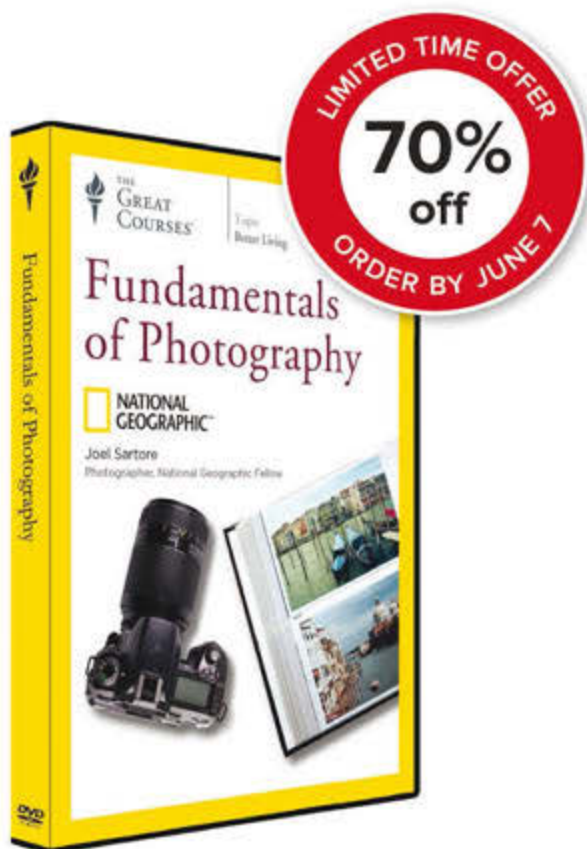
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8. Light III—Introduced Light
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10. Composition II—Background and Perspective
11. Composition III—Framing and Layering
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13. Let's Go to Work—Wildlife
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THE NUMBERS

\$850 MILLION

Apple is showing its support for renewable energy by signing an agreement to buy \$850 million in solar power from First Solar, enough energy to supply power not only to Apple's headquarters but to all of its California offices, stores, and a data center.

1 MILLION

Popular ride-hailing service Uber has set the ambitious goal of creating 1 million new jobs for women by 2020. Currently, women comprise only 14 per cent of Uber's workforce of over 160,000 drivers.

UNIQUE PRODUCT



Sophia Smart Skipping Rope (\$59)

This recently funded Kickstarter product blends wearable tech with the classic jump rope, connecting to your iPhone using Bluetooth and tracking your jumps, speed, and calories burned via sensors in the handle bars. You can use its app to challenge friends to competitions.

WHAT'S HOT IN THE APP STORE



Robinhood

(Free)

If you're a novice investor, paying \$10 per trade can really start to add up over time. That's why cofounders Vladimir Tenev and

Baiju Bhatt created Robinhood, a no-fee brokerage app that allows users to buy and sell US-listed stocks at no cost, as well as view market data, place trades, and customize watchlists. All users have to do is connect the app to their bank account, and they can begin buying!



Alto's Adventure

(\$1.99)

This endless snowboarding-themed game may seem like just another cliché runner, but where Alto's Adventure excels

is in its simple gameplay and stunning attention to detail, from its meditative soundtrack filled with piano notes and environmental noise to its gorgeous design and graphics.



Meerkat

(Free)

Meerkat lets you tune into events as they happen around the world. This up-and-coming app allows you to live-stream

videos from your iPhone directly to Twitter. While Twitter removed Meerkat's ability to import social connections directly from Twitter's platform, the new app's user base is continuing to grow nevertheless.



Darkroom

(Free)

Although Darkroom provides plenty of the typical tools you've come to know and love in a photo-editing app—such

as the ability to apply filters and make basic adjustments to contrast and sharpness—it also offers something else: the ability to adjust curves like you would in Photoshop! Curves, which requires an in-app purchase of \$1.99, allows you to individually adjust details like highlights and shadows, giving you greater control over the look of your image.

QUICK NEWS



Episode of Modern Family Shot Entirely with Apple Devices

The popular sitcom *Modern Family* recently took on a new challenge—shooting an episode using the iPhone 6 and new

iPads. In the episode titled “Connection Lost,” character Claire Dunphy uses FaceTime to talk to family members as they track down their missing daughter Haley. Executive producer Steve Levitan said it was a challenge to get the lighting right for the iDevice cameras, but that he was impressed with the results. “The phone’s quality is quite good,” he said. “It’s just amazing what’s happened to smartphones in five years.”



Smartphone Accessory Diagnoses HIV and AIDS

Biomedical engineers at Columbia University have created a smartphone accessory and app that accurately diagnoses HIV

and AIDS, and costs under \$35 per unit to produce. The palm-sized accessory plugs into the smartphone’s audio jack as a power source and to transfer data. It processes blood samples in less than 15 minutes, delivering the results to the smartphone app. While still seeking regulatory approval, its makers hope it will slow the spread of disease in Africa and other developing countries.



Apple Pay Vulnerable to Credit Card Fraud

While Apple’s mobile payment system doesn’t store your credit card data, it is vulnerable to cybercriminals using stolen credit card information, according to a recent report by the *Wall Street Journal*. Therefore, large data breaches

like the recent Target and Home Depot hacks are increasingly alarming, as compromised data can be used with Apple Pay. According to the *Journal*, participating banks are in the process of tightening their procedures for verifying the identity of card owners in order to root out fraud.

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CAPTION CONTEST



Illustration by Mikaila Maidment, mikailamaidment.com

YOUR CAPTION HERE

Send us a clever caption for the cartoon above, and we'll feature our favorite entries in the next issue. The winner will receive a \$25 iTunes Gift Card! Send all captions to comics@iphonelife.com.



MAY/JUNE 2015 CAPTION WINNER

"I got your text, Leonardo. I'll try to make my smile more mysterious."

Submitted by Ron Salzberg

RUNNERS-UP:

"If I keep hanging here all day, there is no way I am hitting my step goal!"

Submitted by Anthony Sequeira

"Google Glass, please tell me whether I am a painting of a beautiful woman or a portrait of a man?"

Submitted by Jennifer Edwall

Thanks to everyone who sent in their funny captions!

AROUND THE IPHONE LIFE OFFICE

What Is Your Favorite Travel App or Accessory?



Donna, Editor in Chief: I'd like to visit so many places in the world, but traveling is expensive. I've been enjoying using **Hitlist** (free) lately, which lets me make a list of destinations and notifies me when there are good deals on flights.



Noah, COO: I use **XpenseTracker** (\$4.99) when traveling for business to keep my finances in order. It lets me take pictures of all my receipts, track my mileage, convert all expenses into my currency of choice, and send a report to the company at the end of the trip.



Marge, Ad Sales Coordinator: Allegiant has great flight deals out of Iowa where iPhone Life is headquartered. If you check in using the **Allegiant2Go** app (free) in advance, you don't have to wait in line to get your ticket when you get to the airport.



Rheane, Associate Editor: It's hard to find an app that lets me plan future trips *and* browse inspiring visual content, but that's exactly what **Trover** (free) does. Now I can make a list of all my dream destinations while also fueling my wanderlust with location-specific images.



Raph, CTO: When I'm traveling, I often run out of power on my iPhone. Luckily, I got a **Jackery Giant+** (\$69.95) portable external battery charger for Christmas, so I can just plug my phone in without having to find a wall outlet.



Sarah, Web Editor: Before the **Kindle** app (free), I used to cram as many books as possible into my carry-on bag. I often had to abandon books on the way home in order to make room for new ones. Now I never run out of reading material, and my bag is a lot lighter!

What's on iPhoneLife.com?

NEWS



AT&T ANNOUNCES NEW iPad DATA PLANS: \$5/DAY, \$25/3 MONTHS

For those who only need occasional connectivity, such as during a day trip, AT&T has announced a plan that's \$5 per day for 250MB of data that can be used over a 24-hour period.

APPS



TOP 5 PHOTOGRAPHY APPS FOR THE iPhone AND iPad

Out of a crowded field, I've distilled a list of my top 5 iPhone camera apps, ones that I've put to continual use, and they've consistently performed well. Read on, some of my top picks may surprise you!

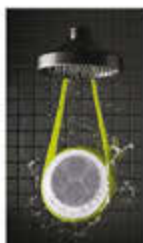
TIPS



TIPS & TRICKS FOR LESSER KNOWN FEATURES OF iOS 7

Humans use only 10 percent of their brains. Actually, that's a myth, but it's probably not a myth that many of us utilize only about 10 percent of our iPhone's capabilities.

GEAR



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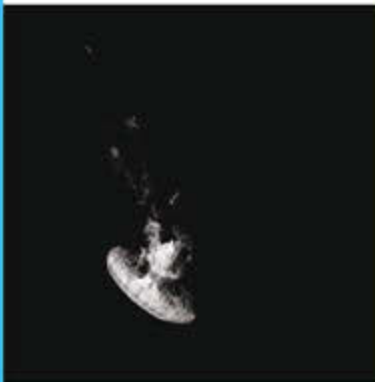
An olloclip Quick-Connect lens solution for the iPhone and iPod touch that includes fisheye, wide-angle, and macro lenses (\$69.99 value, olloclip.com).

Photo Contest 1st Place



By Andrew Eble

2nd Place



By Niluxan Sivathanan

3rd Place



By Cole Thompson

CONTEST WINNERS



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Reader's Choice



Jenny Tribout

Want to see your photo featured here? Enter your best shots at iPhoneLife.com/contest for a chance to win. Our editors choose the top three entries, and our readers choose our fourth and final winner by voting for their favorite images on Facebook. Prizes include the olloclip Quick-Connect Lens and Quick-Flip Case as well as a spot in an upcoming issue of *iPhone Life* magazine.

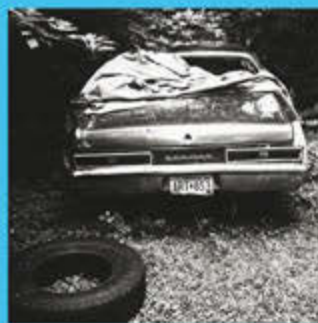
Photo Contest Finalists



By John See



By Zulma Lopez



By Ryan Woods



By Jacob Slocum



By Jeffrey Goodman



By Mark Ayers



By Sherry Johnson



By Ray Young Jr



The iTunes Gift Card Challenge

How would you spend a \$50 iTunes Gift Card to plan the ultimate family vacation?

WINNER

Gregory W. Kenerly
Atlanta, GA

MUSIC



"Come Together," The Beatles
(\$1.29)

You can count on the Beatles when you're looking for something ev-

erybody can rock out to, from Grandma to the kids.



"Let's Get it Started," Black Eyed Peas
(\$1.29)

While packing the car, you'll want to listen

to a song that says "We're leaving this dump for a week, so get ready!" The Black Eyed Peas will do the trick.



"I Can't Drive 55," Sammy Hagar
(\$1.29)

Once you're on the road, you'll need a good car jam. Crank up

Hagar and spend the trip convincing your family that you would've been the perfect lead singer for Van Halen, if only you'd had a better agent.

MOVIES



Big Hero 6 by Disney
(\$19.99)

Once everyone's ears have been satisfied and the kids begin growing restless in the backseat, you can play a

movie for them on their iPad minis.



The Equalizer by Columbia Pictures

(\$17.99)
Because Grandma loves a good thriller!

APP



Grand Theft Auto: Chinatown Wars by Rockstar Games

(\$4.99)

By the time you get to the hotel and everyone is unpacking and choosing their beds, you can kill some time playing Grand Theft Auto. Come to think of it, you may have a few hours to yourself on this vacation after all!

TOTAL: \$46.84

THE NEXT CHALLENGE: ROAD TRIP

Tell us how you would spend a \$50 iTunes Gift Card to plan the best road trip ever. To enter, send us a list of four to eight apps, movies, books, songs, or TV shows that add up to close to \$50. Email your responses to challenge@iphonelife.com by May 11.

The winner will receive a \$50 iTunes Gift Card and will appear in the July/August issue of *iPhone Life* magazine!

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THE ARRIVAL OF THE APPLE WATCH

INTUITIVE,

FUNCTIONAL,

FUN.

BY JIM KARPEN



After months of anticipation, the Apple Watch is finally here, engendering all the excitement that only a new product from Apple can. It became available for pre-order and in-store demos starting April 10, with sales beginning April 24. While it's still unclear whether it's useful enough to become an integral part of daily life, the Apple Watch has already undoubtedly advanced the design, software, and functionality of wearable technology.

DID YOU KNOW?

What the Apple Watch Can Do Without an iPhone

Like most wearables, the Apple Watch is not a standalone device. While it must be within range of your iPhone to complete most of its functions, here are a few things it can do on its own:

- Play music and podcasts
- Make Apple Pay transactions
- Display boarding passes and movie tickets
- Track workouts that don't require GPS
- Keep time, sound alarms, and set timers
- Control your Apple TV

A COMMUNICATION DEVICE

What could be cooler than receiving a phone call on your wrist, Dick Tracy style? If nothing else sells the Apple Watch, this status feature will. As long as your iPhone is within Bluetooth or Wi-Fi range, you'll be able to carry on a phone conversation by talking into your watch.

Part of what makes the experience so different from using your iPhone is the Apple Watch's intuitive controls, such as waking the device when you lift your wrist and silencing a call when you cover the watch face with your hand. It's a subtler interface, incorporating haptic feedback to create light vibra-

tions on your wrist to notify you of incoming calls, messages, and app notifications.



You can also use the Apple Watch for messaging, a feature illustrated by Apple executive Kevin Lynch at Apple's March 9 media event. During a demo, Lynch received a text message from his daughter, showing off the convenience of receiving a notification and responding via your wrist. Lynch's daughter said she was locked out of the garage in her message, and he replied saying not to worry, he would take care of it. He simply spoke his reply into the watch and then chose to send it as a text message. He could also have sent it as a voice message.

He then used the Apple Watch version of the smart home security app **Alarm.com** to unlock the garage door. Next, a live-streaming video from the security camera in his garage appeared on the Apple Watch display, showing the garage door lifting and his daughter and her friend entering with their bikes.

In addition to calls and messaging, Apple created a new "Digital Touch" feature for communicating between Apple Watches, including sending a drawing, sending a tap, or even sending your heart beat.

"A COACH ON YOUR WRIST"

In describing the broad health and fitness functionality of the Apple Watch, CEO Tim Cook likened it to "a coach on your wrist." The Activity app tracks every movement you make during the day, creating personalized goals and weekly reports of your activity, including time spent moving, exercising, and standing. If you've been sitting too long (which research has shown is bad for your health), you'll get an alert reminding you to stand up.



While activity monitors like Fitbit have offered these features for years, the Apple Watch improves upon past efforts with its interface. The Activity app's three-ring design makes it easy to see how far you've come and what you can still achieve for the day. However, to take full advantage of the fitness capabilities, you'll want to bring your iPhone along with the watch when you run or cycle, because the Apple Watch doesn't have built-in GPS to track mileage (a feature that's recently come to some Android smartwatches).



The Workout app gives you detailed metrics for activities like running or cycling. Famous model Christy Turlington Burns made an appearance during the March 9 event, explaining how the Apple Watch helps her prepare for and run marathons. She spoke about her recent half-marathon, saying, "During the race I relied on the Workout app. It tracked my

time, measured my distance, and pushed my pace." She also uses the solar watch face, which shows the position of the sun throughout the day, to help her figure out the coolest times to run.

The Apple Watch also contains an optical heart-rate monitor that logs data and feeds it to the Health app throughout the day. Knowing your heart rate gives you a clear picture of the intensity of your workout, which is not only important in conditioning and endurance, but also to cardiovascular health.

A TIMEPIECE

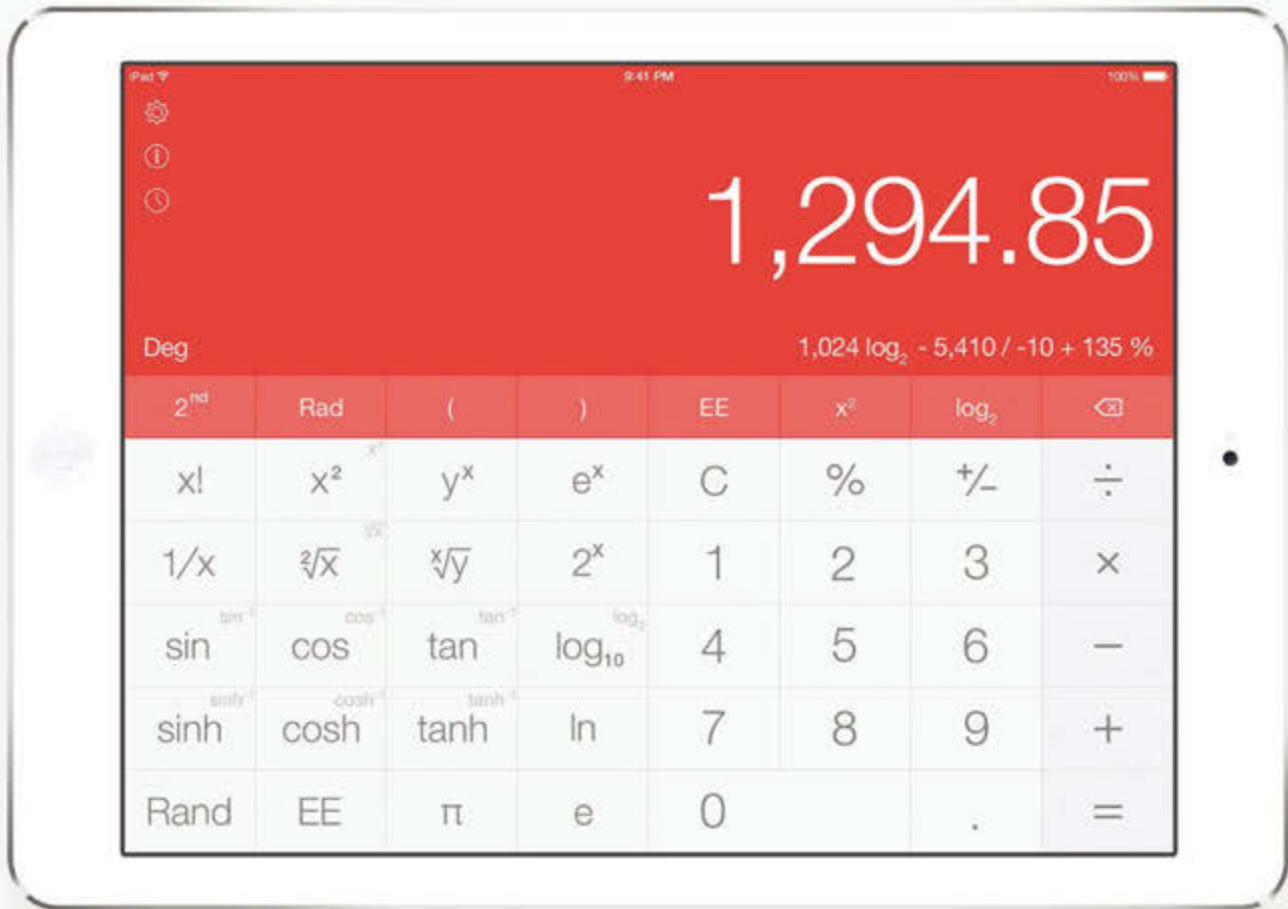
Aside from all its other functions, the Apple Watch is, well, a watch, keeping time to within 50 milliseconds of the Universal Time standard. Showing the date and time and setting a timer are functions the Apple Watch can do without being tethered to an iPhone. Apple has designed watch faces and hardware styles that it says give you a million possible combinations. Designs range from strikingly elegant to cute and useful, like the Mickey Mouse face that has Mickey tapping his foot with every passing second. You can customize each face to show additional information, such as appointments, the date, and daily activity levels.

A FASHION STATEMENT



Cook continues to emphasize that the watch is the most personal and intimate product Apple has created — because it's a product you wear. And so Apple sought to make it attractive as well as functional, creating aluminum and steel alloys that not only ensure strength but also style.

FREE



Calculator

with natural numeric keypad



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Apple is also attempting to tap into the high-end fashion market, offering an 18-karat gold Apple Watch Edition line. Models range in price from \$10,000–\$17,000. While it's somewhat common to spend thousands on a premium watch, some might balk at this price tag for a first-edition device that will inevitably become obsolete.

QUICK TIP

Connect Your Apple Watch and iPhone to the Same Wi-Fi Network

While your Apple Watch usually communicates with your iPhone using Bluetooth, you can also pair the two devices by connecting to the same Wi-Fi network and enjoy the larger range it provides.

THOUSANDS OF APPS



Like the iPhone and iPad, the Apple Watch is a multipurpose device limited only by the imagination of developers. Developers have already created thousands of apps for the Apple Watch, many of them offering important conveniences.

With the **American Airlines** app, you can ditch boarding passes in favor of waving your Apple Watch in front of the scanner at the gate. Similarly, at hotels, you can completely bypass the front desk by using **SPG**, the free app for Starwood Hotels. It tells you your room number, lets you check in, and serves as your room key.



The Apple Watch is a focal point for many brief interactions throughout the day with stock prices, business information, sports scores, Twitter trends, and flight information. All of these come to your attention either via glances (brief static messages on the display) or interactive notifications similar to those on your iPhone or iPad. In this way, you can receive information from, or interact with, the app without opening it. Or you can also go directly to the app to use all its features.

Other popular apps available include **Uber, Instagram, Shazam, Fandango, OpenTable, Twitter, WeChat, CNN, MLB.com, Evernote, eBay, NYTimes, Expedia, and ESPN.**

APPLE PAY AND SIRI

The Apple Watch also supports Apple's new mobile payment platform. Where once in-store purchases were limited to the iPhone 6 or 6 Plus, now Apple Watch users can make

in-store payments as well, even if they own an iPhone 5. And once set up, it's unnecessary to bring your iPhone with you when using Apple Pay with the watch.

During the March 9 event, Apple executive Lynch demoed Apple Pay by using a Whole Foods terminal on stage. He double-tapped the side button and put his watch close to the scanner, showing how easy it is to use. An audible sound indicated that the terminal sensed the presence of the Apple Watch, and haptic feedback on his wrist indicated that the transaction was complete.

Perhaps the biggest surprise was that you can get Siri's attention not only by pressing and holding the Digital Crown, but also by saying, "Hey, Siri." As with the iPhone and iPad, you can use Siri for a wide range of purposes, from asking about the weather to setting up a reminder.


BATTERY LIFE AND STORAGE

Leading up to the release, there was a lot of speculation about the battery life of the Apple Watch. While Cook says it has an "all-day battery life" of 18 hours, that number will vary depending upon frequency and type of use. Connecting the magnetic charger is simple: you hold the Apple Watch near the charger and it clicks into place.

Although Apple hasn't said much about storage on the device, the company has reportedly confirmed that it comes with 8 GB, of which 2 GB is for music (space for about 200 songs) and 75 MB is for photos. You can access the music and photos without being connected to an iPhone.

PRICING AND AVAILABILITY

The price for the aluminum Apple Watch Sport starts at \$349 for the 38-mm version, and \$50 more for the 42-mm display. The Apple Watch, made of steel, has prices ranging from \$549 to \$1,049. The 18-karat gold Apple Watch Edition starts at \$10,000 and will have limited availability. Apple Watches can be purchased online and in Apple Stores.

I think the Apple Watch is a winner. This is yet one more time Apple has envisioned a great product and lavished it with its usual attention to detail. The result is an attractive and useful gadget that offers convenience and a huge range of functionality. 



Jim Karpen, Ph.D., is on faculty at Maharishi University of Management in Fairfield, IA. He has been writing about the revolutionary consequences of computer technology since 1994. His Ph.D. dissertation anticipated the Internet revolution. His site, jimkarpen.com, contains selected regular columns written for *The Iowa Source*. jim_karpen@iphonelife.com.



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APPLE



CAR

Are Apple's Automobile Plans Smart or Crazy?

by David Averbach

S

ince its invention in 1886, the automobile has held a special place in the public's imagination. Perhaps no product elicits as strong an emotional response as the car, which could explain why upon hearing rumors of Apple entering the market, I immediately wanted to see how Apple would meet the challenge.

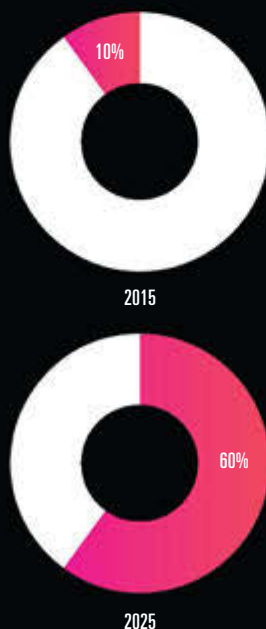
According to Walter Isaacson's biography of Steve Jobs, the idea of building an Apple car is not entirely new. Isaacson found that Apple had briefly explored developing a wide range of products, including a car, even before deciding to develop the iPhone. When I first read Isaacson's book in 2011, I figured Apple executives must've briefly discussed it during a wild brainstorming session but that it was too crazy for them to have seriously considered the possibility. As it turns out, according to a recent report by the *Wall Street Journal*, not only did Apple seriously consider the idea, it also currently has hundreds of employees working on turning that idea into a reality. According to *Bloomberg*, Apple could release a "Tesla competitor" as early as 2020.

So how crazy is the idea of an Apple car? While the idea is a bold bet, it doesn't sound quite as far-fetched to me as it did in 2011. There are several compelling reasons why it makes a lot of sense for Apple to develop a car, and also several reasons why it may be a bit too crazy to work.

Why the Apple Car Makes Sense

An Industry Ripe for Disruption

Average Car's Software Value
(percentage of total value)



Source: Morgan Stanley

Apple has grown into the largest company in the world by building the best operating system on the market and integrating it with beautiful hardware. In the next decade, two industries will require a leap forward in operating systems: the so-called "Internet of Things" and the car. Apple has already announced an operating system for the Internet of Things with the launch of Apple's HomeKit, so, in some ways, the car makes a lot of sense as the next great frontier.

According to Morgan Stanley, a car's

software currently makes up about 10 percent of its total value, but experts predict that within the next decade, that percent will rise to upwards of 60 percent. Obviously one of the factors driving this dramatic shift is the invention of the self-driving car. According to the head of Google's autonomous driving project, self-driving cars will be street legal within 3–5 years. When cars become autonomous, people will stop making purchases based on horsepower and torque and buy based on software and design. These are Apple's two main specialties and could allow the company to successfully compete in the industry.

Putting Apple's Money to Work

Apple is one of the few companies lucky enough to have accumulated so much money it isn't sure how to spend it. At the close of last quarter, Apple had \$175 billion in cash on hand. To put that in perspective, that's enough money to buy Ford, GM, and Tesla and still have more than \$27 billion left over. While having a lot of cash on hand is certainly better than the alternative, it still presents a lot of challenges. Investors expect Apple to be putting that money to work, investing in profitable new ventures, yet there are only so many investments that Apple can pursue at any one time. One of the auto industry's greatest challenges is also one of the reasons Apple may be seriously considering entering the market—it requires a lot of upfront capital. This means that not only is the auto industry ripe for disruption, but there are also very few companies capable of disrupting it.

Expanding the Ecosystem

In the past couple of years, Apple has devoted a lot of attention to making its devices more interconnected. With the launch of iOS 8, you can now start typing an email on your computer and finish it on your iPad, and you can answer a phone call and send a text from your iPad or Mac. By making its devices interconnected, Apple is building a digital ecosystem of sorts. Once you buy an iPhone, the interconnectivity of devices means there are a lot of advantages to buying a Mac over a PC or an iPad over a Kindle Fire.

As cars become increasingly software centric, the Apple car could become the ultimate expansion of Apple's ecosystem. The Apple Watch could serve as your car key and Siri could give you turn-by-turn directions while you stream music from iTunes Radio. Expanding the ecosystem keeps customers hooked on Apple's

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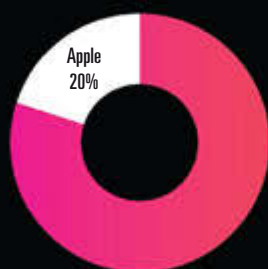
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new products. If you owned an Apple car, would you ever buy an Android phone again?

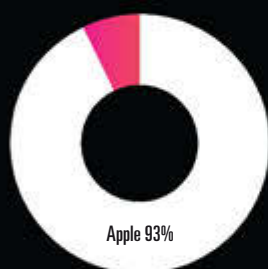
Why Launching an Apple Car is Crazy

Low Margins

Apple Sales vs. Profits (4th Quarter 2014)



Total volume of sales



Percentage of profits earned by smartphone manufacturers

Source: Canaccord Genuity

Apple's business model is relatively simple; it sells high-quality, high-margin electronics. In the 4th quarter of last year, Apple accounted for about 20 percent of the total volume of smartphone sales. Yet in the same quarter, Apple accounted for a staggering 93 percent of the profits earned by smartphone manufacturers, according to a survey by financial group Canaccord Genuity. According to analysts, the iPhone 6 and 6 Plus have a profit margin of close to 70 percent.

Perhaps the biggest reason why Apple launching a car sounds a bit crazy is that the

auto industry has never been a high-margin business. In 2014, Ford had \$144 billion in sales and pocketed a little over \$3 billion. That's a mere 2.21 percent profit margin. Toyota had a better year, with close to an 8 percent profit margin, but still not even in the same stratosphere as the profit margins Apple is used to earning. Tesla is using a direct-to-consumer sales strategy that it is hoping will lead to profit margins upwards of 20 percent; however, Tesla lost around \$300 million last year and has yet to prove that this sales approach can be successful in the auto industry.

Long Life Cycle

One of the reasons Apple may be looking to expand into a new area is that it has seen a steady decline in iPad sales year-over-year for four straight quarters.

One industry analyst is predicting that sales will be down 30 percent in 2015. One of the main theories as to why iPad sales are declining so sharply is that the life cycle of an iPad is longer than that of an iPhone. Whereas most people replace their smartphones every one to two years, many owners of older iPad models have not yet felt compelled to upgrade.

When cars become autonomous, people will stop making purchases based on horsepower and torque and buy based on software and design.

If Apple is disappointed by the life cycle of the iPad, it will be heartbroken by that of the automobile. According to a recent study by IHS Automotive, the average car on the road in America is over 11 years old. To put that another way, the average American car is four years older than the original iPhone. The combination of low margins and long lifespans makes the auto industry an unappealing choice for Apple.

Manufacturing Challenges

Apple is widely regarded as having the best industrial design team in the world. On the back of every product sold by Apple you'll see the phrase "Designed by Apple in California." One thing you will never read on the back of an Apple product is "Manufactured by Apple in California." Apple outsources almost all of its manufacturing to third parties outside of the US. Taiwan Semiconductor Manufacturing Company makes the A8 chip, Samsung and LG manufacture the displays, and Foxconn assembles the phones.


From Ford's assembly line to Toyota's "lean" manufacturing system to Tesla's robotics, there are few industries as synonymous with manufacturing as the auto industry. And no car company in the world

outsources its manufacturers. Even Tesla, which in many ways could serve as Apple's benchmark in the industry, not only manufactures its own cars, but has also revolutionized the process through the use of robotics. There are too many safety concerns to trust the complex process to a third party. If you thought "Bendgate" and "Antennagate" were a big deal, wait until you hear about "Brakegate" and "Airbaggate." There is no way that Apple could outsource the manufacturing of a car, and while Apple is an expert in a lot of areas, manufacturing is not one of them.

Should They or Shouldn't They?

The industry is ripe for disruption, and who better to shake things up than Apple? But the analyst in me thinks it's a bit crazy. It's too big of a risk and not a high enough reward. That being said, isn't innovation for its own sake what Apple has always been about? I think

the best answer I can give you is to quote Apple's legendary "Think Different" campaign:

"While some see [the risk takers] as the crazy ones, we see genius. Because the people who are crazy enough to think they can change the world, are the ones who do." 



David Averbach is the CEO and Publisher of *iPhone Life* and *Android Life* magazine. David has an obsession with all things Apple. He grew up on Macs and now has a MacBook Pro, iPhone, iPad, and an Apple TV. David enjoys traveling and Ultimate Frisbee. He has been to over 20 countries. To contact David, email him at David@iphonelife.com.



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Have iPhone, Will Travel

Top Tips for Making the Most of Your Next Excursion

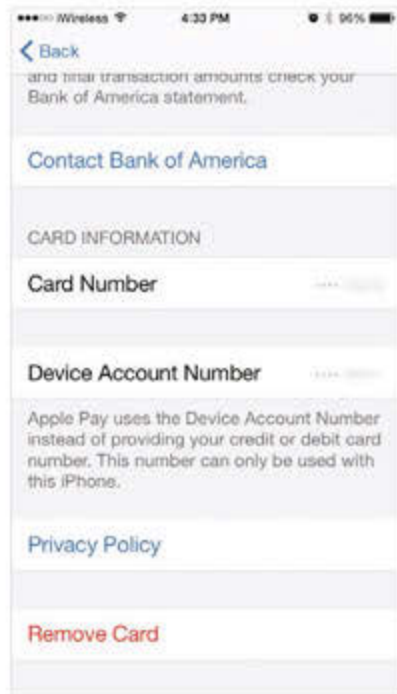
By Sarah Kingbury

Whether you're traveling for business or pleasure, your iPhone can be one of the most important things you pack—helping you find your way, capture the sights, and handle business on the road.

Whether you're traveling for business or pleasure, your iPhone can be one of the most important things you pack—helping you find your way, capture the sights, and handle business on the road.

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Keep Your iPhone Secure



Suspend Apple Pay

If your phone is lost or stolen, you'll probably worry about the security of your credit card information in Apple Pay. Fortunately, Apple Pay is automatically suspended when you set your iPhone to Lost Mode in Find My iPhone. You can also remove credit cards by logging into iCloud.com, going to Settings, selecting

the device in question, and then clicking Remove underneath the card listed.



Find Your Lost iPhone, Even if the Battery Dies

Find My iPhone can be a real lifesaver if you misplace your iPhone on the road. While the service only works if your iPhone's battery is charged, it can send your phone's location to Apple just before its battery dies, saving you the painstaking process of retracing all your

steps. Simply go to Settings > iCloud > Find My iPhone and toggle Send Last Location on. Now when your lifeless iPhone goes missing, all you'll have to do is open Find My iPhone on another iDevice (or in iCloud on a computer) and click on the iPhone to spot its last known location.



Don't Lose Your Data

In the unfortunate case that you do lose your iPhone permanently, you don't have to say goodbye to all your data and photos too. Set your iDevice to automatically update via iCloud by going to Settings > iCloud > Backup and turning on iCloud Backup. You'll get a message saying your iPhone

will no longer back up via iTunes when plugged into a computer. Click OK and sign in to iCloud. Your iPhone will now update every time it's plugged in, turned off, and connected to Wi-Fi.



Access Third-Party Apps in Apple Maps

Want a second opinion on directions from Apple Maps? To access third-party maps while using Apple's default Maps app, start by requesting directions as you ordinarily would. When Maps responds with an overview, a menu will appear at the top with three options: Drive, Walk, and

Apps. Tapping Apps will open a menu of navigation apps available on your phone or in the App Store. Select the app of your choice, and it will launch and show you your route.

Navigate Like a Pro

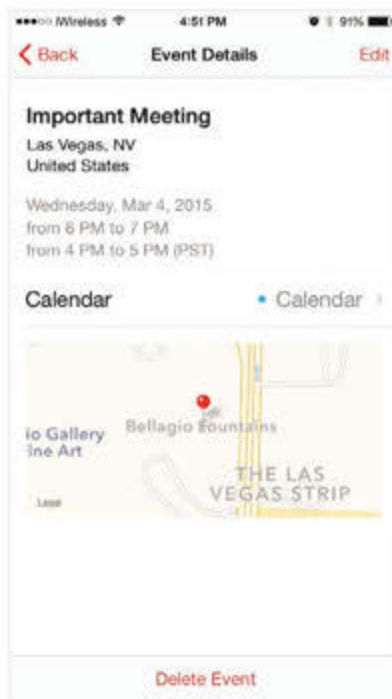


Change Miles to Kilometers in Maps

The United States is one of the few countries in the world that still uses the imperial system. Traveling outside the States can require trying to convert miles to kilometers. Fortunately, it's easy to change the settings in Maps to show distances in kilometers rather than miles. Just go to Settings > Maps

and tap In Kilometers under Distances. Now all distances will appear in kilometers in Maps.

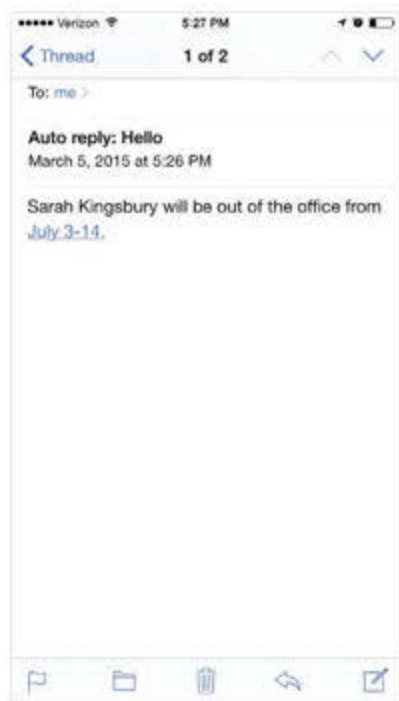
Handle Business from the Road



Make Sure Events Are in the Right Time Zone

It's important to keep track of your appointments when traveling across time zones, and the Calendar app makes this easy to do. While creating or editing an event, tap Start and then Time Zone. Enter the city where your event is taking place. Next, set the start time

and then enter the location of the event. The event page will now show you the proper times.



Create Email Out-of-Office Auto Reply

Unfortunately, it's not possible to set up an auto reply using your iPhone. Instead you'll need to log in to iCloud.com on a web browser and click on the Mail icon. Next, click on the gear icon at the bottom of the left sidebar, select Preferences from the pop-up menu, and

choose the Vacation tab. Finally, select "Automatically reply to messages when they are received," and type in your reply message. Now you're ready to leave work behind guilt-free!

Document & Share All the Fun



Share All Those Sightseeing Photos

You can share your vacation photos with friends and family by going to Shared in the Photos app and then tapping the "+" icon to create a new album. You'll be prompted to name the album and invite people to join. Next, open the album and tap the "+" icon to add images. Tap the People tab on the

bottom to see who you've already invited and to share it with even more people.



Put Yourself in All Your Vacation Photos


What could be better than a photo of a famous landmark? The same photo but with you in it! Use your iPhone's timer (and a tripod) to put yourself in all your vacation photos. Tap the timer icon at the top of the screen in the Camera app's Photo or Square mode. Choose the 3-

or 10-second timer, tap the shutter, and get into position.



Capture the Sights Using Panorama Mode

Panorama mode in Camera is perfect for capturing the sights while you travel. In your Camera app, swipe left through the options until you come to PANO. Directions will appear on the screen. Tap the shutter button and slowly and steadily move your iPhone from left to

right, keeping the arrow steady on the yellow line. Panorama mode can capture up to 240 degrees, but you can stop any time by tapping the shutter button. 



Sarah Kingsbury is the web editor of iPhoneLife.com. She goes almost nowhere without her iPhone and is the main contributor to the site's Tip of the Day column. She has over a decade of experience writing and editing for online and print publications.

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Essential Guide to Family Sharing



by Becca Ludlum

Victor Timgdel/shutterstock

Until recently, sharing your digital purchases with family was a huge inconvenience. In order to share an app or movie with a family member, you had to share your Apple ID, meaning you not only shared all your purchases but all of the app's data as well. So if you downloaded games you didn't want your kids playing with, tough luck! Thankfully, Apple's new Family Sharing feature allows everyone in your family to share their iTunes purchases and coordinate schedules while still maintaining individual accounts. It allows up to 6 people—children or adults—to share their content with one another across 10 devices. Aside from gaining access to each other's music, apps, books, and movies, once you're set up, you can even create family calendars and reminders so everyone's on the same page.

And don't think that Family Sharing is just for the kids. It's just as useful for adults, allowing you to share books with your sister, your favorite apps with your husband, or music with your best friend (who's basically family anyway).

If you have purchases that you don't want to share with your family, that's okay—you can easily hide them. And if down the road you would rather not use Family Sharing at all, that's fine too. You can leave your iCloud "family" without any heartbreak. You can easily transfer children to different family groups.

To use Family Sharing, each family member must have his or her own Apple ID. Yes, even the kids. While it's not necessarily a bad thing to share an Apple ID with your little ones, there will come a time when your children want and need their own accounts. Sharing an Apple ID also makes it impossible to use features such as FaceTime, iMessage, and Game Center with them. Have you heard your friends complain about their kids' apps and music automatically syncing onto their phones? That happens because their families share one Apple ID. Your kids will eventually grow up and move out, want to pay for their own content, and perhaps be part of a family of their own!

Setting Up Family Sharing

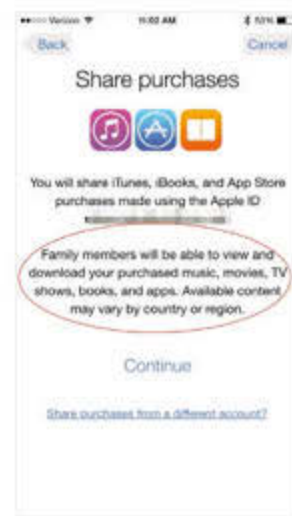
But how, exactly, do you use Family Sharing? You'll be happy to know it's a lot easier than you might think. All you'll need is your Apple ID and an iDevice running iOS 8 or later.

To start, go to Settings > iCloud > Set Up Family Sharing > Get Started. Here, you'll confirm that you're the Family Organizer, which is a fancy title for the person who will be

footing the bill for and approving all iTunes purchases.

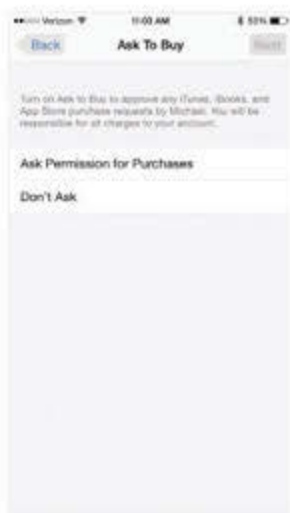


The Family Organizer pays for and approves all iTunes purchases.

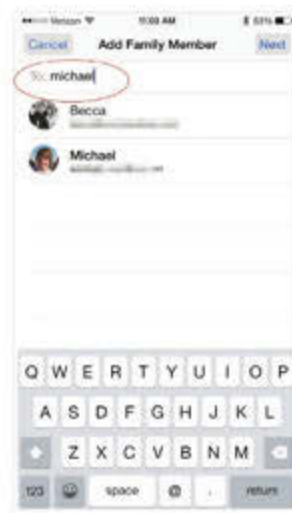


Family Sharing may seem like an all-or-nothing deal, but remember that you have the option to hide purchases you'd like to keep private.

You'll be prompted to click through a few screens that tell you a little more about Family Sharing and what it offers, and then you'll see a screen that says "Share purchases" at the top. Though you're agreeing to share your purchased content with family members, remember that you can actually pick and choose the content that you share and download.



The Ask to Buy feature puts you in charge of your children's purchases.



You can add a family member by using your stored contacts or by entering the email address associated with the contact's Apple ID.

After confirming your payment method, you get to decide whether you'd like to enable the Ask to Buy option,

which alerts you, the Family Organizer, when someone in your family wants to make a purchase from the iTunes Store, App Store, or iBooks. You'll only have this option for the kids—not for other family members such as your spouse.

Adding Family Members

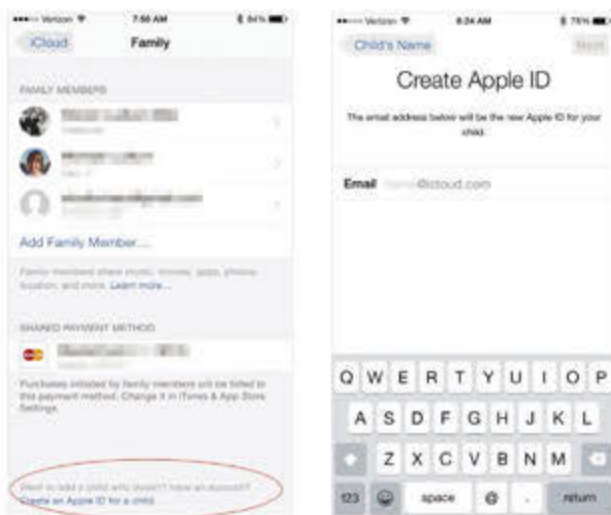
You can easily have up to six family members in your Family Group by going to Settings > iCloud > Add Family Member. Remember, everyone must have an Apple ID to use Family Sharing.

Once you send an invitation, the recipient will receive a notification with the option to accept or decline the offer. It's probably best to tell your family members about Family Sharing before inviting them, so they'll be expecting the notification.

Create an Apple ID for a Child

To invite your children under the age of 13 to Family Sharing, you're required to create an Apple ID for them. To prove parental consent, you'll be asked to enter the CVV code from the credit card associated with your Apple ID (debit cards are not allowed). Though you must update the Family Organizer's payment method to a credit card in order to register your child's Apple ID, you may switch back to your previous card as soon as your child is transferred.

Note: Add your credit card as your payment method before attempting to create your child's Apple ID by going to Settings > iTunes & App Store > Apple ID > View Apple ID > Payment Information.



Creating an Apple ID account for a child is easy, and requires only a credit card.

Your child's username must end in @icloud.com.

Quick Tip!

You can only be part of one family at a time, and you can only switch to a different family group once per year.



You'll be asked to answer three security questions to verify your child's account at a later time.

To create your child's Apple ID, head to Settings > iCloud > Family > Create an Apple ID for a Child.

Enter your child's birth date and choose a username for their Apple ID account. It's important to store this information somewhere secure, because you won't be using it often and will likely have a difficult time memorizing it.

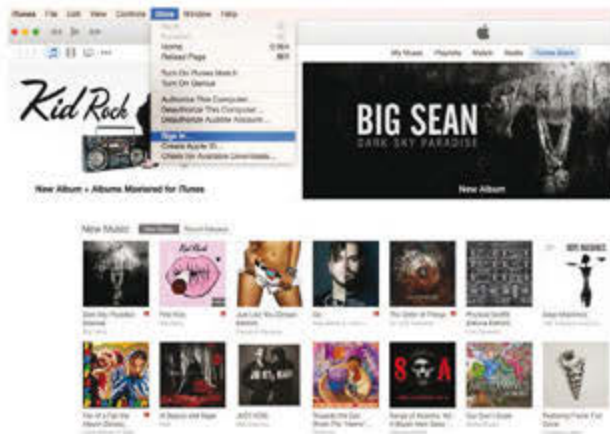
After choosing a username and password, you'll be asked to choose a series of three security questions. Again, it's a good idea to take note of the answers.

Finally, you'll be asked if you'd like to share your child's location with your other family members. There's no need to add children under the age of 13 to your Family Group, as they are automatically added when you create their Apple IDs.

Hiding Content from Family Sharing

Family Sharing is awesome, until it's not. Downloading a song with explicit lyrics is okay for an adult, but you might not allow your 8-year-old daughter to download that song. That's where hiding purchases comes in. You'll need to use iTunes installed on a Mac or PC to hide and unhide your purchases.

To hide certain purchases, open iTunes and find the Store menu on the top left of the screen. Click Store > Sign In and enter your Apple ID and password.



If instead of seeing Sign In, you see View Account, that means that you've already logged into iTunes.

On the right side of your screen, you'll see a link to your purchased content.

Once there, hover over your content and click the "X" in the upper left corner to hide it from Family Sharing. Hiding your content will also remove it from the Pur-

chased page, and you won't receive update notifications about that content anymore.

Quick Tip!

You cannot remove children under the age of 13 from families; you must move them to a new family. [u](#)



Becca Ludlum is a blogger and freelance writer. She is the go-to gal in her circles for everything iPhone and loves finding new apps, tips, and tricks to share. Becca lives in the middle of the Arizona desert with her husband and two boys, and can't imagine life getting any better. Check out her parenting and technology blog at MyCrazyGoodLife.com.

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FEATURED iUSER: Branden Harvey



Location: Portland, OR

One-Line Bio: Branden travels the world and tells stories through photography and social media. You can follow him on Instagram, Twitter, and Snapchat @brandenharvey.

Rdio: This is my favorite way to listen to music. I love that it's well designed, fair for artists, and that all my friends with good taste in music use it.

Podcasts: Podcasts inspire me to tell better stories. I'm always, *always*, listening to podcasts, whether I'm traveling, editing, or just lounging around.

Google Maps: I'm not great with directions. Whether I'm navigating a van in the Philippines or walking in my own neighborhood, you'll find me using this app.

Snapseed: This is my favorite photo editing app. Snapseed provides all the tools you need to create great images on the go.

Snapchat: I love using Snapchat as a way to share goofy stories from my daily adventures.

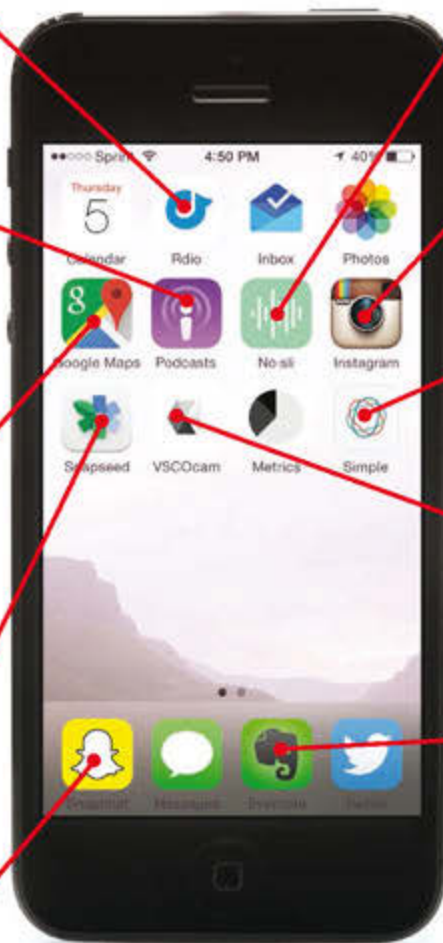
Noisli: Noisli is the best way to shut out noise when I'm trying to focus in airports and coffee shops.

Instagram: I love using Instagram as a place to share photos and stories from my travels.

Simple: This well-designed, fun, online-only bank is my absolute favorite way to manage my money.

VSCOcam: This incredible app gives all my photos a little touch of magic.

Evernote: This is my digital brain. Every idea I have goes into Evernote.



The Travel Issue



It's official: you've survived winter and now it's time to get off the couch and start planning a much-needed vacation, whether it be an exotic international excursion, a family field trip in your hometown, or a weekend of camping in the mountains. The only downside? Planning a trip can be downright exhausting, what with booking flights and hotels, planning your activities, and keeping track of your finances.

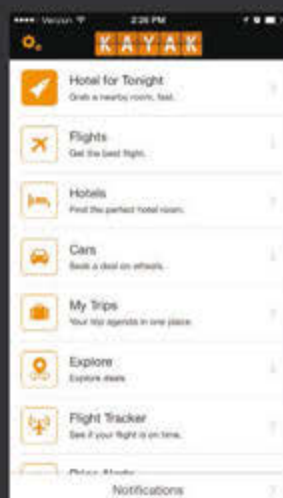
On the bright side, there are a ton of apps available to help streamline the process, from navigation apps to travel guides covering everything from local pubs to art galleries. So ditch your traditional maps and guidebooks! These next pages will inspire you to book those plane tickets as you discover in-depth guides for exploring some of the world's top cities, apps and gear handpicked for your next road trip or seaside vacation, and iPhone tips for making the most out of your travels.

The Traveler's Checklist

18 Essential Apps for Your Next Big Trip

by Becca Ludlum

Featured



Kayak Pro (\$0.99)

There's no shortage of travel-booking apps, but Kayak has risen through the ranks, thanks to its reputation for finding the best deals on plane tickets, hotels, and car rentals—it even alerts you to price drops! Not only can you manage your itineraries and track your flights directly within the app, but you can also change currencies, sync packing lists across devices with iCloud, and turn on Autofill to spare you from reentering information. If your heart isn't set on a particular destination, the Explore tab

is great for finding the perfect vacations for a steal. With Kayak Pro, you'll also gain access to terminal maps from over 350 airports and the new "Hotel for Tonight" feature, which connects you with nearby digs.

For Planning



Expedia (Free)

This app's image-rich interface helps you dream of your destination as you search for flight and hotel deals. The app sets itself apart with mobile rewards and hotel reviews from guests only.



Travelocity (Free)

Perhaps the coolest thing about Travelocity is its low-price guarantee—if you stumble upon a cheaper flight or hotel within 24 hours of booking on Travelocity, the company will pay you the difference.



Hopper (Free)

Hopper not only searches for the best travel deals, but it also tells you the best times to book your flights and the cheapest days to travel.

For the Car



Along the Way

(\$2.99)

This app is specially tailored to helping you find restaurants, coffee shops, parks, and landmarks along your route to add some excitement to your drive.



National Parks

(Free)

Visiting a national park soon? This app by National Geographic offers loads of information on 25 American parks, including what sights you should see and when you should go.



Heads Up!

(\$0.99)

Heads Up is a fun game to keep your backseat passengers entertained. One player holds the phone to her forehead as teammates help her guess the word on the card.



Postagram

(\$0.99 within US, \$1.99 for International)
Your little ones can turn a beautiful photo they just took of the view into a paper postcard to send to Grandma.



Mad Libs

(Free)

This game is exactly like you remember, but upgraded for the digital age. Kids can fill out, save, and share their funny stories.

For Flying



GateGuru

(Free)

Use GateGuru to find relevant flight and airport information when you need it, including real-time flight updates and push notifications customized for your itinerary.



Triplt

(Free; \$49/year for Pro)

Forward your travel confirmation emails, and Triplt will build a complete itinerary for



Apps from Major Airlines

Chances are your airline has an app that offers check-in services, flight status updates, and even maps of the airports where you're scheduled for layovers.

For Your Destination



Hotwire

(Free)

If you're not picky about where you stay, you can get a great deal with the Hotwire app. You choose the location and the price range; Hotwire chooses the room.



CheapTickets

(Free)

CheapTickets is one of the few discount travel apps with a rewards program that helps frequent travelers save on hotels.



Google Translate

(Free)

This is one of the coolest apps ever made, translating your words and even signs and menus into your choice of 90 languages.



Open Table

(Free)

Search restaurants by type, location, or price, and make reservations at one of more than 30,000 participating restaurants. You can also invite friends to join you!



Trip Advisor

(Free)

Trip Advisor is a hub of over 150 million traveler reviews, making it easier than ever to find all the best places to visit while on vacation.



HopStop

(Free)

Nobody likes being lost in an unfamiliar city. HopStop gives you subway, bus, train, taxi, walking, and biking directions for your adventure.

On the Move

Apps for Navigating Rush Hour to the Open Road

by Jim Karpen



Apple Maps



After Apple released the Maps app in 2012, it had so many flaws that CEO Tim Cook wrote an open letter of apology. Today, the iPhone's default navigation app is much improved, and many anticipate more features with the release of iOS 9, including walking and transit directions.



Google Maps



The most full-featured app of the bunch, Google Maps stands out with its excellent transit and walking directions, local search, Street View feature, and traffic reporting courtesy of Waze. Unlike Apple Maps, it's not as integrated with the iPhone, but it's still the first choice of many.



Waze



A favorite among city dwellers, Waze specializes in finding the quickest route to your destination by crowdsourcing traffic conditions. Users contribute congestion data just by using the app, and a social component lets you report accidents and share your ETA with friends.

* Via caching refers to when an app stores data to your iPhone's temporary storage from your last use of the app, allowing you to view it later when no longer connected to a wireless or cellular network.

Offline Maps	Via Caching *	Yes	Via Caching *
Voice-Guided Navigation	Yes	Yes	Yes
Walking Directions	Yes	Yes	No
Transit Directions	Via Third-Party Apps	Yes	No
Traffic Information	Yes	Yes	Yes
Points of Interest	Yes	Yes	No
Lane Guidance	No	Yes	No
International	Yes	Yes	Yes
iPad Compatible	Yes	Yes	Yes
Ad-Free	Yes	Yes	No
Automatic Rerouting	Yes	Yes	Yes



Sygic



What sets Sygic apart is that it allows you to download its maps for free—the same ones used by Dutch mapping company TomTom. Voice navigation will cost you \$29.99 per year, making Sygic a great free backup for those occasions when you're out of range of a cellular data network.



Scout



Scout's social navigation feature lets you chat with a contact and make plans within the app and then track each other's locations as you head toward a Meet Up. The app also features points of interest along your route and helps you locate the nearest and cheapest parking garages.



Navmii GPS U.S



Navmii offers both offline maps and voice-guided directions for free, though you'll have to pay to eliminate ads and gain access to maps of other countries. It uses the crowd-sourced mapping software OpenStreetMaps, which the app will prompt you to download to your phone.



MapQuest



While MapQuest has long been a staple for iOS devices, the app is receiving criticism for ads that interfere with its voice-guided turn-by-turn directions. An ad-free upgrade is available for \$3.99. Its roadside assistance feature lets you summon help within the app without requiring a membership.

Yes	In-App Purchase	Yes	Via Caching *
In-App Purchase	Yes	Yes	Yes
Yes	No	Yes	Yes
No	No	No	No
In-App Purchase	Yes	Yes	Yes
Yes	Yes	Yes	Yes
In-App Purchase	Yes	No	No
Yes	No	In-App Purchase	Yes
Yes	Yes	Yes	Yes
Yes	No	In-App Purchase	In-App Purchase
Yes	Yes	Yes	Yes

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City Guides

Sydney * Portland * Los Angeles * Hong Kong * Barcelona

Every city has its own unique personality, expressed by the area's history, people, politics, and geography. Visiting new parts of the world is an amazing opportunity to explore historic landmarks, eat local cuisine, meet new people, and admire each area's distinct style and architecture.

To build upon a tradition we inaugurated last year, we've rounded up the best apps for exploring five diverse cities. To get you started, we've chosen a handful of apps to help you plan a trip to your chosen destination—be it Portland, Barcelona, or beyond.

Resources for Every City



Find. Eat. Drink.

(Free)

If you're a connoisseur of all things food and wine, this app will help you soak up the finest flavors a new city has to offer.

Find. Eat. Drink. lets you explore both chef and sommelier recommendations for restaurants, markets, and cafes in more than 200 cities in the US and abroad.



Peek Tours & Activities

(Free)

If you're in the mood to treat yourself, booking a guided tour is a great way to relax and let an expert lead the way. Peek

helps you cross off items on your own personal bucket list, connecting you with tours and activities like snorkeling, horseback riding, touring a vineyard, or skydiving. The app even quizzes you on your preferences to improve its recommendations.



Wanderu

(Free)

For those of you planning a trip within the states on a budget, Wanderu offers a super-efficient way to book the cheapest bus or train tickets to your destination. The app's slick interface beats the Greyhound website any day, and best of all, Wanderu doesn't charge an extra fee for booking.



DogVacay

(Free)

Unless you plan to take your pooch with you on your jetsetting adventures, it's probably time to make other plans. You

can hire one of DogVacay's host of professional dog sitters through this app and have them send you photos and videos each day of your pup. Pet insurance comes with any reservation, offering you extra peace of mind.



Triposo

(Free)

Triposo offers great comprehensive guides for most major cities around the world.

After you install the app, you choose the country you plan to visit and an offline guide will begin to download, complete with top destinations and restaurants for the major cities, as well as a currency converter.



Hitlist

(Free)

Are you a big planner? Then this app might not be for you. But if your travel dates are flexible and you're keen on

saving some cash, you should go ahead and brainstorm the top cities you want to see, enter them into Hitlist, and wait for the app to tell you when the cheapest last-minute flights become available.



City Guide

PORTLAND, OREGON

Population: 609,456 (2013) Source: U.S. Census Bureau

Known as the City of Roses, Portland is also one of the greenest cities in America, a place where plastic bags are banned, eco-friendly establishments abound, and where there are more cyclists per capita than in any other US city. And each June, thousands of bikers take to the streets sans clothing for the World Naked Bike Ride.



Food Carts Portland Mobile

(\$0.99)

Very few places in the country offer so wide a selection of food carts as downtown Portland, which harbors hundreds of vendors selling everything from gourmet grilled cheese sandwiches to “voodoo” doughnuts covered in bacon and Fruit Loops. This app will help you navigate them all, providing dining profiles and an interactive map.



Findery

(Free)

Portland is brimming with rare little gems that you simply can't find in your typical guidebook. With Findery, you can share your favorite discoveries—from memories to historical tidbits to quirky locations and businesses—with other users via notes, which can include stories, photos, and videos.



Travel Portland

(Free)

There's no doubt about it—Portland is one of the nation's most eccentric cities. Travel Portland is your guide to discovering all of the city's quirky, best-kept secrets, from exotic ice cream parlors offering lavender-flavored dessert to a vegan mini-mall that boasts its own cruelty-free tattoo parlor.



PDX Bus

(Free)

This app makes traversing Portland a breeze, using live tracking data to display arrival times for all of the city's public transport—including light rail, streetcar, and bus information. Browse routes and stops via the app's interactive rail maps, bookmark frequent stops, and use the app's built-in flasher to signal bus drivers at night.



City Guide

BARCELONA, SPAIN

Population: Over 1.6 million (2012) *Source: National Institute of Statistics*

This temperate Spanish city draws art and food lovers alike, who come to explore the Picasso museum, walk the winding alleyways of the Gothic Quarter, and indulge in fresh seafood and sangrias at local tapas bars. A visit isn't complete without experiencing Antoni Gaudí's iconic Sagrada Familia Basilica and whimsical Park Güell.



Rick Steves' Audio Europe

(Free)

When you arrive in Barcelona, you can count on European travel expert Rick Steves to show you around. His Barcelona guide offers a walking tour of the city's great artists, from Picasso to Gaudí to Dalí. Download Steves' radio shows to learn to "Live Like a Spaniard" or to understand the region's delicacies (yes, bull's tail is a thing).



Hailo

(Free)

While the Old City's narrow lanes are perfect for traveling on foot, you'll want a cab to reach other destinations, such as the gardens of Park Güell. Dubbed the Uber of Europe, this popular ride-hailing app is up for the task. You can choose the type of car you want, set pickup locations, get fare estimates, and pay all within the app.



Spotted by Locals

(Free)

Spotted by Locals shows you the coolest places to eat, drink, party, and experience local culture. Once you pay \$3.99 to download the Barcelona map, you'll have access to tons of reviews from locals, from the best sandwich joints to the latest play at the local opera house. You can mark favorites, switch to a map view, and navigate offline via GPS.



Barcelona Travel Guide

(Free)

This app's photo tour of Barcelona is a great tool for planning your trip, offering visuals and reviews of the city's top attractions. You can save places you'd like to visit to Favorites, and even connect to booking services for hotels, tours, and event tickets. The app is free, but there's a catch—it is ad-supported.



City Guide

SYDNEY, AUSTRALIA

Population: Over 4 million (2011) *Source: Australian Bureau of Statistics*

Home to over 70 sandy beaches, Australia's famous harbor city has a wide range of beautiful landmarks, including the iconic Sydney Opera House, Harbor Bridge, and Sydney Tower. And if you're interested in exploring the city's rich past, you'll also enjoy walking through The Rocks, a historic district established in 1788.



Sydney Opera House

(Free)

Even if you've never been to Australia, you've probably heard of the Sydney Opera House. This app lets you check out everything the venue has to offer, including upcoming events and shows, restaurants and bars, and indoor maps to help you find your way around its many halls. You can even book shows right within the app.



Aussie Slang

(\$1.29)

Not sure what an arvo is? Or why that person angrily called you a galah outside the store the other day? The truth is, nothing says tourist like being lost in a sea of slang you don't understand. Thankfully, this app contains over 700 popular Australian terms and phrases, meaning you'll be sounding like a true-blue Aussie in no time!



TripView Sydney

(\$2.99)

There are plenty of options for exploring Sydney car-free, and TripView makes the process easy. This app displays up-to-date arrival times for much of Sydney's public transportation, whether you plan on taking the bus downtown or hopping on the ferry to see the sights. You can also browse routes and stops via the app's interactive maps.



There's Nothing Like Australia

(Free; iPad only)

There's more to Australia than Vegemite and kangaroos, you know. This app lets you browse a collection of inspiring images from some of Australia's most popular destinations—including Sydney! From Cockatoo Island to Bondi Beach, you'll find this app's ideas and information helpful for planning your next trip.

Read *iPhone Life* Anywhere!

The iPad screen displays the cover of the June 2015 issue of *iPhone Life* magazine. The cover features a scenic landscape with mountains and a river. The title "iPhone Life" is prominently displayed in a large, stylized font. Below the title, it says "Best Apps • Top Tips • Great Gear". The cover also includes several article teasers: "iPhone Tech for Pet Lovers PG 48", "The Case for the Apple Car PG 26", "Family Sharing Guide: Apps, Calendars, Music PG 36", and "The Travel Issue: Explore the World with Your iPhone". A barcode is visible at the bottom right of the cover.

The iPhone screen shows the app's interface, which includes a grid of app icons and a sidebar menu. The icons include various utility and entertainment apps like Photos, Maps, Calendar, Weather, and more. The sidebar menu lists categories like "iPhone Tech", "Travel", and "Family Sharing".

The smartphone screen shows the app's interface on a smaller screen, with a "Newsstand" label at the bottom.

Available on the App Store

Download for free today
iphonelife.com/app



City Guide

HONG KONG, CHINA

Population: Over 7 million (2013) *Source: World Bank*

Hong Kong is not only a great bustling city but also a massive clustering of islands—235 to be exact. Outside the city's dense skyscrapers lies a vast array of mountainous paths and beautiful sandy beaches. This once humble fishing village is now one of Asia's major seaports and is considered one of the most prosperous cities in the world.



OpenRice Hong Kong

(Free)

Dubbed the Yelp of Asia, this popular dining guide provides all the information you need to eat the best food Hong Kong has to offer. Search the app's 79,000 restaurant listings by feature, pricing, and cuisine type; read user reviews; browse coupons; and even share your discoveries with others via email and text.



Discover Hong Kong.AR

(Free)

Looking to explore Hong Kong's famous markets and historical monuments? Not only does this app provide the basics, such as currency information, public service numbers, and hygiene rules, but it also lets you browse more than 7,000 shops and restaurants and use its Augmented Reality function to scout out landmarks as you go.



Explore Hong Kong MTR map

(Free)

Spend less time lost in traffic and explore Hong Kong car-free! This public transportation app features up-to-date metro maps and built-in GPS that works offline so you can locate the nearest station and routes without service. Use those saved hours doing what you really want—like chartering a traditional Chinese fishing boat!



The Converted by Ideon

(\$6.99)

Trying to understand differences in currency and temperature can be stressful when traveling abroad. That's why this app is so essential. Not only does it take care of currency conversions, but this elegantly designed, all-in-one app also converts units of measurement, such as length, weight, temperature, and distance.



City Guide

LOS ANGELES, CA

Population: Over 3.8 million (2013) *Source: U.S. Census Bureau*

From the beach mansions of Malibu to the dive bars of Echo Park, this sprawling west-coast metropolis is home to filmmakers, artists, hippies, surfers, and dreamers alike. You can count on this feel-good city for great celebrity spotting, tacos, hip-hop, and of course, year-round sunshine and waves.



Clean Plates

(Free)

The City of Angels is a playground for health-food junkies, harboring upscale raw restaurants, vegetarian fare, and organic tonic bars around every corner. Whether you're on a gluten-free diet, off sugar, or looking for locally produced meat, Clean Plates will help you find delicious restaurants nearby that fit your dietary restrictions.



5 Every Day

(Free)

Vacations are the perfect time to go outside your comfort zone. To that end, the makers of 5 Every Day drum up a handful of L.A. happenings for you to explore each day. The app is simple, listing five activities, such as a concert at the Getty Center or a moonlight roller derby. You can tap the activity to get details, price, and directions.



KCRW Radio

(Free)

If you want to find out what the locals are up to, you can turn to this independent source of local news, curated tunes, and listings of concerts and events. You'll find a pleasant mix of NPR news, locally produced programming such as political talk show *Left, Right & Center*, and music to rock out to on a hike or in the car.



Waze

(Free)

You're a real noob if you don't use Waze in Los Angeles. Traffic jams lurk around every corner in this subway-less city, but thanks to Waze, you can time your departure just right to avoid rush hour, and Waze will automatically reroute you when it sees trouble ahead.



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calling. Gotham City
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Vacation Guides

The iOS Enthusiast's Handbook for the Ultimate Getaway

On the Beach * Around the Fire * On the Road * Out in the Wild

F

or many of us, summertime is a chance to escape the daily grind and do something that makes us feel free, whether that's taking a trip to the beach, retreating to the woods, going on a skydiving adventure, or enjoying your own neighborhood without the worries of work. This guide offers the best iOS apps, gear, and iTunes purchases to inspire you to plan a summer trip that will be at the top of your life's highlight reel.



Vacation Guide: Outdoor Sports

The iOS Enthusiast's Approach to the Ultimate Rugged Adventure

by Siva Om

Apps for the Rugged Life



Find My iPhone (Free)

When you're adventuring outdoors, the last thing you want is to lose your iPhone or iPad. It's an experience that is beyond annoying, not to mention quite costly if you don't have device insurance. With Find my iPhone and your iCloud ID, you can use any iOS device or Mac to either locate, lock, or erase all data from your missing iPhone.



MotionX GPS (\$0.99)

If you are looking for a do-it-all GPS navigation app that covers land, air, and sea, look no further. MotionX offers extensive, free downloadable maps that cover the entire planet, including off-road and terrain maps, as well as official marine charts, making it great for sports varying from snowboarding to mountain biking to sailing. Your maps are stored locally on your device for offline access, and you can save up to a whopping 300 routes.



Oh Ranger! Park Finder (Free)

Park Finder is an essential app for finding a base camp when you're out adventuring. Whether you are looking for a full-service RV park, an off-grid campsite, or something in between, Park Finder will point you in the right direction. It will also inform you of all kinds of activities in your area, including bird watching, swimming, boating, hunting, and even spelunking!



Google Maps (Free)

A must for any travel adventure, Google Maps is one of the most intuitive and comprehensive mapping apps available. It will give you up-to-the-minute routing data and turn-by-turn voice directions whether you are walking, biking, driving, or taking public transportation. Google Maps also offers detailed information about traffic and road conditions, weather, restaurants, hotels, and museums.



Extras from iTunes!



Nitro Circus: The Movie

(\$7.99 buy, \$4.99 rent)

Expect to witness pain, laughter, and a fair amount of swearing in modern daredevil Travis Pastrana's epic extreme sport compilation that pushes the limits of what's humanly possible.



Into the Wild

(\$14.99 buy, \$3.99 rent)

You'll have to wonder how this story might have turned out if the star had an iPhone (and a solar charger) on his journey. Based on real-life events, this harrowing tale features breathtaking footage of nature in all of its glory and grandeur.

Gear for Laidback Living



Catalyst iPhone 6 Case

(From \$69.99)

The Catalyst is an anomaly in the world of heavy-duty, protective iPhone cases. Its slim, low-profile design lets the beauty of your iPhone shine through and yet it surpasses other waterproof, military-grade protective cases in just about every torture test imaginable. The Catalyst is a full-time-use case, leaving access to all of the iPhone's buttons and ports, making it ideal for activities that call for maximum protection with minimal bulk.



Trace Quadcopter

(\$500, available Q3 2015)

The Trace Quadcopter is your ultimate aerial selfie machine, programmed to capture your every stunt from customizable heights and distances. The quadcopter features a detachable camera with patented tracking technology that keeps the drone focused on you. The removable camera can even clip conveniently onto a number of other compatible Trace remote-control vehicles, and it can livestream video to social networks or Trace's own hosting platform.



Vacation Guide: The Beach

Apps, Gear, and iTunes Picks for Enjoying the Waves

by Jacqui Lane

Apps for Sand, Sun, and Tide



Surf Report (Free)

Before you grab your board and head to the beach, check out the surfing conditions with this free app from Oakley. Surf Report offers detailed information about wave height, wind speed, and water temperature to help you scope out the best breaks. If conditions aren't ideal, don't worry; you can surf vicariously via the app's extensive selection of video clips.



Beach Safety (Free)

The ocean is beautiful, but it can also be quite treacherous. Beach Safety offers advice on a wide range of safety issues, such as how to identify a rip current, how to swim out of a current, how to identify areas where sharks are likely to swim and minimize the chance of an encounter, and first aid treatment for jellyfish and blue bottle stings.



Beach Locations (Free)

The first step in planning a trip to the beach is choosing which beach to visit in the first place. With listings for nearly 2,300 beaches (including both freshwater and ocean) in the United States, Beach Locations will help you find the perfect place to park your umbrella.



Audible (Free)

A book may seem like a dated beach accessory, but reading on your iPhone or iPad in bright sunlight is a recipe for a headache. For a relaxing alternative, stretch out, close your eyes, and listen to your favorite novel with Audible. With more than 150,000 titles, you'll find everything from classics to the hottest new best sellers.



Flush Toilet Finder (Free)

When you have to go, you have to go. Flush Toilet Finder quickly and automatically locates the nearest public restrooms, a major convenience if you're at a beach that doesn't offer such facilities. With more than 10,000 locations in its database, you won't be left hanging.



WeatherPro (\$2.99)

Don't leave your perfect beach day at the mercy of the weather gods—check the forecast before you hit the sand. Upgrading to WeatherPro Premium unlocks must-have features for beach lovers, including hourly forecasts for a full two weeks, info on sunlight hours so you can catch the best rays, and a beach section that displays the UV index and water temperature at beaches around the world.

Extras from iTunes!



Point Break

(\$14.99 buy; \$3.99 rent)

This 1991 film about a gang of surfing bank robbers led by Patrick Swayze, and FBI agent Keanu Reeves who goes undercover to catch them, is a campy summer favorite. It may not be Oscar-worthy (although the director, Kathryn Bigelow, went on to win one for *The Hurt Locker*), but it's a cult classic, as proven by the legion of fans that have made the Broadway adaptation a smash hit.



Jaws

(\$9.99 buy, \$3.99 rent)

Jaws may be the best-known beach movie ever, but it may not inspire you to jump in the water. This classic Steven Spielberg thriller redefined summer movies forever, and the iconic theme song still sends chills up many peoples' spines.

Save this one for the trip home, or you'll be looking over your shoulder every time you swim.

Gear for a Beach Party



Netatmo June UV-Monitoring Bracelet

(\$99)

Slip this stylish bracelet onto your wrist and enjoy a worry-free day in the sun. The June bracelet measures your exposure to UV rays throughout the day and communicates with your iPhone via Bluetooth to remind you to reapply your sunscreen and wear a hat. It's available in gunmetal, gold, and silver to match any ensemble.



The Coolest Cooler

(\$299, Available July 2015)

This cooler's Kickstarter campaign raised more than \$13 million, and it's easy to see why. In addition to keeping your snacks and sodas cold, it includes a USB charger to replenish all of your devices, a waterproof Bluetooth speaker to keep the tunes flowing, and a powerful built-in blender to whip up margaritas and milkshakes on the spot, making it the perfect beach party accessory.



Vacation Guide: Camping

Apps, Gear, and iTunes Picks for Heading into the Woods

by Kate Palbom

Apps for the Great Outdoors



AllTrails (Free)

If you're looking for a dog-friendly beach with activities for the kids, AllTrails has you covered. From Muir Woods to the Grand Canyon, AllTrails guides you to great hikes across North America. Find and even add your own trails for hiking, bird watching, cycling, and running, and share your hikes with friends.



Project Noah (Free)

Dubbed the digital butterfly net of the 21st century by the *Wall Street Journal*, this location-based field guide lets you identify the wildlife around you—from birds to plants to bugs—with the help of the Project Noah community. This app is a popular resource among scientists, with a research mission that helps track the world's biodiversity.



SAS Survival Guide (\$5.99)

The SAS Survival Guide app teaches you everything you need to know to survive, whether you're hiking a mountain or trekking a desert. This app includes tested techniques from survival expert John Wiseman, a collection of photo galleries, a sun compass, 16 videos, and a 100-question quiz to test your outdoor acumen.



Camp Finder (\$3.99)

For those who prefer a more laid-back camping experience, Camp Finder helps you locate campgrounds and RV parks while you're on the road. The app features 18,000 camping sites, which you can search by location, price, and amenities. Read other campers' reviews and find activities for the family.



Star Walk (\$2.99)

After hiking in, setting up camp, and building a fire, campers are rewarded with a spectacular view of the night sky. The Star Walk app helps campers identify constellations, find the North Star, and spot planets in view. Just point your iPhone up at the sky and Star Walk will tell you all about the glimmering space above.



AccuWeather (Free)

Since camping means essentially living in the great outdoors, you're going to need to keep an eye on the weather. AccuWeather offers hourly forecasts and tracks local weather system using detailed radar maps. Plan your activities around the upcoming weather conditions and get notified when it's time to hustle back to camp.



Extras from iTunes!



Grown Ups

(\$12.99 buy, \$3.99 rent)

What could be a better camping movie than this story about five long-time friends reuniting for a weekend away in the woods? Ready to take a break from the pressures of life, family, and technology, Lenny Feder (played by Adam Sandler) leads his merry band of characters through a hilarious lakeside vacation. A story about family, friend-

ship, and reconnecting with nature, *Grown Ups* is sure to get you through a rainy night in the tent.



Jim Harold's Campfire – True Ghost Stories

(Free)

No camping trip is complete without a night of scary storytelling around the fire.

This audio podcast by Jim Harold is a collection of over 190 tales of hauntings, life after death, and ghost encounters in the real world.

Gear that Brings Nature and Technology Together



Joby GripTight GorillaPod

(\$29.95)

Joby's GripTight GorillaPod stand is a portable tripod built for your iPhone, with three strong, flexible magnetic feet designed to adjust to the environment around you. Nature selfies are a cinch when you attach this bendy tripod to tree branches or uneven boulders. And unlike most stiff stands, the GorillaPod moves and twists to fit into pockets, packs, or bags. Don't be fooled by how small and compact this stand is, though—it's built to withstand the bangs and bumps of outdoor life.



Power Practical PowerPot 5

(\$99)

Being off the grid doesn't mean you have to be off your iPhone. Power Practical successfully funded the PowerPot on Kickstarter in 2012, producing a lightweight camping pot and portable USB charger in one that lets you charge your device while preparing meals on your campfire or stove. No matter what time of day it is, the PowerPot is designed to bring you the power you need, whether it's running on wood, butane, or propane.



Vacation Guide: Family Road Trip

Hit the Open Road with Entertaining Apps, Gadgets, and iTunes Purchases

by Abbey Dufoe

Apps to Help You Go the Extra Mile



Spotify (Free)

The most important feature of Spotify for long road trips is clear: its offline listening capabilities. Once you upgrade to Premium for \$9.99 per month, you can start saving any song or playlist you like—from travel-related artists to fun songs for the kids—and then freely listen to them without the cost of streaming data.



Waze (Free)

Sure, you could use Apple Maps to go on your merry way, but Waze, the self-proclaimed “social GPS,” is much better when it comes to avoiding traffic. Open Waze to see real-time traffic reports from cars around you. You can report accidents, traffic, police, and road closures in the app, helping fellow Wazers “outsmart traffic.”



Urbanspoon (Free)

The downside of visiting new places is that you often have no idea where to find good food. Urbanspoon provides all the information you need to find the tastiest restaurants along your route, including addresses, reviews, and menus. Browse by cuisine type and price, or search for eateries down the road where you know you’ll be stopping.



Hotel Tonight (Free)

Need a hotel at the last minute? Hotel Tonight can help with that. Search for a room within hours of your arrival, or plan ahead and book a room up to seven days in advance. Listings include photos and prices of available rooms, and you can book the room right from the app! All you have to do is show up for some shuteye.



RoadTrippers (Free)

This app helps you find popular attractions, nature trails, hotels, cafes, camping spots, and places to fuel up once you reach your road trip destination. Want to visit a scenic overlook? Select “Points of Interest.” How about a spontaneous game? Try “Sports.” There’s something for everyone!



GasBuddy (Free)

GasBuddy is just that—a car companion that helps you find the closest, cheapest gas available. You can sort gas station locations by price or distance, and can even post gas prices for others. The app also shows features of the gas station, such as fuel types and whether or not it has an ATM.

Extras from iTunes!



"Life is a Highway" by Rascal Flatts (\$1.29)

Who can forget this road trip ballad by Tom Cochrane? This rendition from Pixar's movie *Cars* adds some country to this classic, with a chorus that urges us to ride the highway of life all night long—inspiration that you might need on your trip!



Chronicles of Narnia by C.S. Lewis Audiobook (\$41.95)

An oldie but a goodie, this family-friendly book series by C.S. Lewis is the perfect antidote to long drives. Snag the entire catalog of all seven books combined in an audiobook set that will provide nearly 34 hours of adventure in the magical world of Narnia.

Top Gear for a Long Drive



Siig's Headrest iPad Car Mount (\$29.99)

Have a cohort of unruly kids in the backseat? Invest in Siig's headrest iPad car mount. You can easily install it on any dual-post headrest, giving access to the full iPad screen and all the iPad's buttons. The adjustable bracket can hold all iPad models, too. So go ahead and press play once that movie is queued and enjoy silent children for a couple of hours.



Incase High Speed Dual Car Charger (\$39.95)

Don't forget the basics! A car loaded with iOS gadgets needs double the charging power, which is where this charger by Incase comes into play. It comes with two USB ports and a USB-to-lightning cable and is covered with a grey, soft-touch coating, a signature look of many of Incase's products.



Vacation Guide: Staycation

Everything You Need to Live It Up in Your Own Neighborhood

by Becca Ludlum

Apps for a Rejuvenating Home Vacation



Vagaro (Free)

Looking for a couple's massage at 6 p.m. on Wednesday? Check out Vagaro, which connects you with local beauty salons and spas, letting you read reviews, view pictures, find pricing, and make appointments all within the app. Vagaro will remind you about your appointments via text or email and reward you with points to use next time.



Yelp (Free)

A staycation doesn't mean you have to actually stay in your house. Open up Yelp and act like a tourist in your own city! This app helps you find tons of fun things to do, whether you're looking for a great restaurant or a unique attraction. Read reviews from community members and visitors to get a fresh take on your town.



Yoga Studio (\$3.99)

Begin your yoga journey at home with over 65 videos ranging in length from 10–60 minutes. Yoga Studio also lets you pick out your favorite moves to create your own custom class. Schedule and track your classes by syncing your calendar to the app, allowing you to fit in a quick class wherever you are.



Field Trip by Google (Free)

Turn to the experts like the Food Network, Thrillist, and Zagat to guide you through a unique tour of your town. Choose from themes ranging from local food to historic places, and Field Trip will alert you where to stop and tell you stories as you go. Mark places that you'd like to revisit and share the memories you capture on social media.



Headspace Meditation App (Free)

Meditation can help uplift the spirit and clear your head, so why not try it with your newfound free time? Use your practice to learn how to overcome stress and cultivate healthier relationships. Try Headspace's 10-day challenge for free; after that you'll need to buy a subscription (\$94.99/year or \$12.99/month).



Massage Techniques (\$2.99)

Never pay for a massage again! Give your partner the Massage Techniques app, which teaches you how to perform up to 130 techniques and 13 routines ranging from 10 minutes to an hour. You'll find a variety of useful video demonstrations, photos, and descriptions to help master everything from deep-tissue to swedish massage.

Extras from iTunes!



Serial Podcast

(Free)

Sometimes the best vacations are the ones in which you do all the little things you haven't had time for because of work.

For some, that could mean spending time with friends or taking care of some much-needed yard work; for you, that may mean finally listening to that podcast you've been hearing so much about. Serial has been getting rave reviews since October 2014 when it debuted on iTunes, and we see why! Based on a real-life crime

story, this podcast keeps you at the edge of your seat as host Sarah Koenig unravels the story one chapter, and one week, at a time.



Not into true crime tales? Listen to **BackStory** (free) for an American history lesson or **Longform** (free) for weekly interviews with non-fiction authors.

Gear for Laidback Living



Jawbone UP24

(\$129.99)

Want to get extra rest during your staycation? Use the UP24 to track not only your daily activity, but also your sleep quality at night. Track your food intake and exercise, create goals for yourself, and stay motivated by seeing how many calories you've burned. You can even have the tracker's alarm wake you each morning with a gentle vibration as you naturally come out of a deep sleep, allowing your body to wake up more naturally than with a buzzing alarm.



Fugoo Sport

(\$199.99)

Listen to relaxing music wherever you are, whether you're taking a bath or lounging by the pool without worrying about ruining your speaker. The Sport is one of the toughest speakers on the market, designed to be completely waterproof and invincible against high-impact drops. If your staycation includes a bike ride or a hike, the Sport can go there with you too! Just clip the speaker to your backpack or mount it to your bike with one of Fugoo's mounts (\$29.99–\$39.99).

FEATURED iUSER: *Nicole Hayward*



Location: New York, NY

One-Line Bio: Nicole Hayward graduated from Carnegie Mellon University with a major in engineering and is currently the VP of Marketing & Product Management at OnSIP, a cloud phone services provider. Nicole can often be found playing with her dogs, spinning, or volunteering.

Basecamp: I manage a marketing team and am on the board of a nonprofit organization, both of which use Basecamp to manage docs, messages, and project statuses all in one place.

Drybar: Sometimes a girl needs a glass of champagne and to have someone else blow dry her hair—which is what Drybar is all about, letting you set appointments within Drybar's app.

Al Jazeera America: I watch this international news network in the morning to skim the headlines, get more details on a story, or recall a stat.

OpenTable: Making spontaneous dinner reservations is effortless with OpenTable—unless it's for Valentine's Day, that is (I learned that the hard way this year).

InstaCart: Grocery shopping in NYC can be a painful excursion of long lines, crowded subways, and numerous flights of stairs. Luckily, InstaCart lets me shop from my iPhone and receive deliveries as quickly as two hours later from Whole Foods.

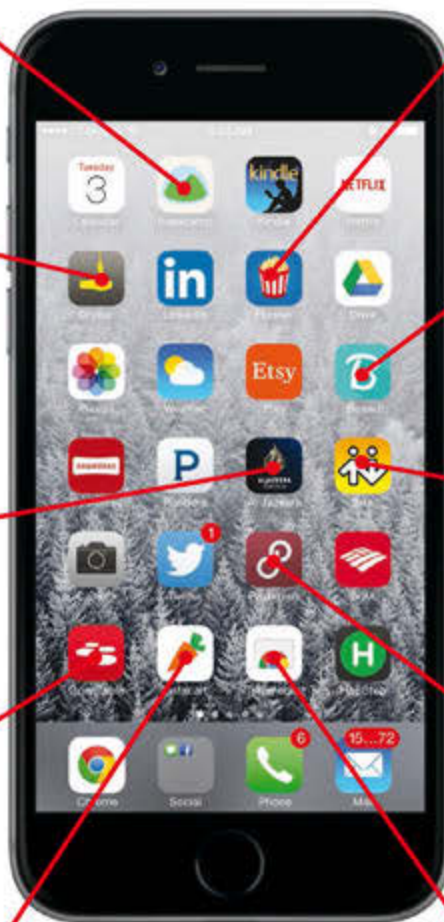
Flixter: Flixter lets me look up what's playing in theaters, along with movies' Rotten Tomatoes scores, so I am never again disappointed by a bad flick.

Boxed: This app has the potential to disrupt Costco. If you want to buy items in bulk for super-low wholesale prices, check out Boxed.

Bria: Bria is my work phone on my iPhone. The app registers with our business phone service, OnSIP, so that when Bria is running, my iPhone will ring with all of my work phone calls.

Poshmark: This social buying app lets me snap shots of clothes from my own closet that I never wear and then sell them to users all over the United States.

Chromecast: This app lets me stream crystal-clear Pandora and Netflix stations from my iPhone to my TV like magic.



SPONSORED APPS

FEATURED



Flipboard

(Free)

Flipboard turns your iPhone or iPad into a beautiful digital magazine that delivers stories from a diverse assortment of news channels, from the *New York Times* to your favorite blogs. The layout resembles a print publication in that you flip the page to read through a story or to reveal other news categories. In addition to news, sports, and politics, you can include your Facebook and Twitter news feeds in your customiz-

able stream. Most articles in Flipboard are automatically stripped of web ads, leaving only the text in a format that's easy to read. You can collect your favorite stories into your own magazine and share articles on your social networks or via email.



SPOTLIGHT



EasyBiz Mileage Tracker

(\$1.99)

EasyBiz tracks your travel data for you, helping drivers and business

owners monitor usage, increase efficiency, and cut costs. All you have to do is enter a few basic vehicle settings, and EasyBiz will start tracking your mileage and expenses, which you can then export after each trip, providing daily snapshots of expense and mileage data. It's easy to see why EasyBiz Mileage has been recognized by Yahoo, *Reuters*, MSN, and more.



Packing Pro

(\$2.99)

Packing Pro is your new-found personal packing assistant, offering hun-

dreds of suggestions for your next trip. Never forget what to pack again!



Artista Impresso

(\$0.99)

Use Impresso to transform your photos into multi-textured impres-

sionist masterpieces that you'll be proud to print.



Scan to Spreadsheet

(\$2.99)

This app lets you use its built-in barcode scanner to create spreadsheets,

which can be used to keep inventory and collect data.



Barcode Scan to Web

(\$2.99)

Use this barcode-scanning web browser app to fill Google forms or

for any website that would benefit from barcode scanning!



Feed Me! 4.0

(Free)

Hungry to learn language arts and mathematical concepts? Try

this fun game for free and make in-app purchases for new levels.



In Arrivo HD

(Free)

Next time you're in Rome or Milan, use this app to help you navigate

the city's public transportation and even reserve a taxi within the app.



Who Viewed My Profile

(Free)

Curious about who's looking at your Facebook profile? This app lets you

easily check out who has viewed your page—test it out yourself!



Places Around

(\$1.99)

Discover places and services around you wherever you are. Just speak

to the app and it will instantly find what you need.



My Little Car Wash

(\$2.99)

This fun car wash game features real water physics, funny cars, cool

washing actions, and a lab for mixing car washing liquid.



The Bible Unmasked

(\$1.99)

Whether you're an atheist, agnostic, or Christian, you'll find this col-

lection of lesser-known biblical stories to be an interesting read.

GEAR FOR



PET LOVERS

8 GADGETS FOR MAN'S BEST FRIEND

BY ABBEY DUFOE

Whether you're a cat person or a dog person, you'll likely agree that pets are a special part of the family. As such, you want to take extra good care of them, and thanks to countless technological advancements, raising one healthy, happy, high-tech pup or kitten is a breeze. That's why we've gathered up a selection of the best gear for pet owners, from wearable cameras to wireless feeders. Now your pet can get just as excited about your new gadgets as you are!



Petnet SmartFeeder Beta
(\$249)

Picture this: your cat is pacing around the food bowl with pleading eyes when you get home from work. Only after you feed him do you discover that your spouse already gave him a generous dinner. Outwitted again! We all have stories like this, but thankfully, this wireless feeder for cats and dogs by Petnet takes the guesswork out of mealtime once and for all. Won't be home for dinner? Schedule a feeding from your iPhone. Give your dog too many treats today? Adjust how much kibble she gets right from the Petnet app. You'll also receive iPhone alerts for feeding times, meal confirmations, food supply levels, and battery life within the app. Even match your pet with the right kind of food and have it delivered to your door!



GoPro Fetch Dog Harness
(\$59.99)

Ever wonder what it's like to see the world from your dog's point of view? Well this padded, waterproof GoPro dog harness lets you find out. The Fetch comfortably fits dogs weighing 15 to 120 pounds—and it works with every version of GoPro too! The chest mount is great for capturing your dog digging and trotting down trails, while the back mount lets you see over your dog's floppy ears as she runs toward the ocean or through your backyard. The harness is comfortable, padded and waterproof, though should never be used with a leash.



Eastern Collective Cords

(\$25.95)

If you have a naughty pet that's always trying to gnaw on your iPhone charger, you may want to invest in one of these cords by Eastern Collective. These one-of-a-kind braided fabric cords offer the charge you need and a plethora of colorful designs that are much more resilient than your native Apple cables, which tend to fall apart after a year of use.



Whistle Activity Monitor

(\$99)

Hailed as the Fitbit for dogs, this activity monitor by Whistle allows pet owners to gain insight into their dogs' daily life. Attach Whistle to your dog's collar to track three states: walk, play, and rest. Through the iPhone app, you can also set goals for activity, track food and medicine intake, and even create custom reminders tailored to your pet's needs. Whistle is waterproof and lasts 10 days between charges.



Tagg Pet GPS

(\$99.95 + \$9.95 monthly service)

Forget putting up fliers and searching endlessly for your lost dog or cat—this GPS tracker lets you know where your pet is at all times and even has an ambient temperature sensor that notifies you when he gets too hot or cold. Simply attach the device to your pet's collar and begin tracking his location right from your iPhone—you can even receive alerts when he's wandered outside the virtual fence you've set up. Though Whistle recently acquired Tagg and plans to merge the activity tracker and GPS device in the future, for now you can still purchase each device separately.



Petcube Pet Camera

(\$179)

Are you leaving your pets home alone for an extended period of time? Use a pet camera to talk to them and see how they're doing! Petcube streams 720p HD video with its wide angle camera and uses your home Wi-Fi, allowing you to use the two-way live feed to watch your furry companions, talk to them through the device, and even operate the camera's built-in laser pointer from the device's app. Now you'll never miss a tail wag!



Pawscout Pet Finder (\$29.95)

Usually, panic ensues when our dogs run away or get lost in a new place. Never fear, because this more affordable alternative to Tagg will help you more than those posters you're stapling to telephone poles or Facebook posts you're frantically sharing to everyone's walls. Attach the customizable tag first. Then, if your pooch goes missing, mark him missing on the app! If a Pawscout user or dog comes within 200 feet of your dog, you'll get a notification in the app. You can even call the owner from the app if you find a lost dog! The battery lasts a year, and the unit is waterproof.



Bluefang Dog Training Collar (\$169.99)

Need to keep the dog from peeing in the house or tearing up your sofa? There's an app for that! Bluefang's training collar delivers a "nudge" to your dog to help train them. There are six training categories on the app—sit, stay, come, fetch, heel, and down—that you can press to activate voice commands. There are also three levels of stimulus you can deliver to your dog, so no matter the body size, the "zap" will be safe! Got more than one pooch? Bluefang's app can manage multiple dogs. [u](#)



Abbey Dufoe is a graduate student in environmental journalism. Her friends call her the "app monster," and she's always itching for the newest iOS gadget (current favorite—the iPad Air). She loves concerts, the environment, and ice hockey, but loves tweeting about them even more. Follow her on Twitter @abbeydufoe or visit her blog at abbeydufoe.com.

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YOUR NEW BEST BUDS

4 SMART, WIRELESS EARPHONES FOR JAMMING ON THE GO

BY BRIAN FAULKNER

From smartwatches that measure your heartbeat to fitness bracelets that remind you to work off that doughnut you ate for breakfast, it's clear that wearable technology is a trend that continues to take us by surprise with its innovations—and earbuds are no exception! The following four wireless earbuds are some of the most cutting-edge designs entering the market this year, many of which have gotten their start on the popular crowdfunding platform Kickstarter. All four utilize Bluetooth technology to connect to your devices, freeing you from tangled wires and providing quality audio for the active audiophile. Whichever of the following products you choose, you will surely stand out.



Bragi The Dash (\$299, ships May 2015)

There's a reason why these smart, touch-enabled earbuds by Bragi received the 2015 CES Innovation Award. While The Dash can connect to your iPhone via Bluetooth like any other wireless headphones, they can also stand alone, thanks to 4 gigabytes of internal storage that can hold up to 1,000 songs. They also double as an activity tracker, containing sensors that monitor your heart rate, oxygen saturation, distance traveled, and cadence. The accompanying Bragi iPhone app displays your fitness data and lets you do things like set exercise goals or adjust how much ambient sound you wish to hear. The Dash has a rather short three hours of play time, but comes with a compact charging case to remedy the situation. The earbuds weigh only 13.8 grams and feature a waterproof design, a touchpad, and scalable noise isolation that lets you adjust how much outside sound you want to hear.



OwnPhones (\$249–\$349, ships June 2015)

Although the Ownphones don't have quite as many features as The Dash, they make up for it in originality. Using the Ownphones app on your phone, you record a video of your ear and Ownphones converts the footage to 3D data to produce 3D-printed buds built specifically to fit your ears. They come in a plethora of designs, from simple and colorful to jewelry inspired. Another key feature is voice control, which works with Siri. In mono mode, you can listen to music with one earbud while leaving your other ear free to hear oncoming traffic, and you can use the app to choose which sounds you'd like to filter through. The Ownphones provide 4–6 hours of playback (exceeding The Dash), include a charging case, and can stay on standby for 140 hours.


Motorola Hint (\$149.99)

The Hint is the only wireless earbud of the bunch that does not have the option for stereo listening, although there are whispers that Motorola may have a set in the works. For now, the lone earbud fits securely in one ear and is convenient for listening to a podcast on the go or accessing Siri by tapping the earbud's surface. Compared to the others, the Hint is a more economical option, and comes in a variety of styles, including bamboo, black leather, and canvas. Like the other earbud models, the Hint comes with a charging case that drastically increases an otherwise limited battery life.


Earin (\$199, ships April 2015)

If you are a music lover who prefers simplicity, then the Earin is perfect for you. Earin claims to have created the world's smallest wireless earbuds, weighing 5 grams and measuring only 14.5 mm x 20 mm. Playback lasts up to 3 hours, but with the accompanying cylindrical charging case, you can extend your listening by 10 hours while in mono mode. To enable mono mode, just place one bud in the capsule and it will automatically shut off and begin charging. With the Earin app, you can monitor battery life and adjust audio settings. When answering phone calls, the sound will be transmitted to the earbuds; however, because the earbuds aren't equipped with a microphone of their own, you'll need to use your iPhone to communicate back. ⏻



Brian Faulkner is a freelance web developer and marketing assistant at *iPhone Life*. He holds two bachelors in Art and in Mathematical Sciences. Aside from his passion for technology, he enjoys staying active with soccer, taekwondo, and travel. You can reach him at brian@iphonelife.com.

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GEAR FOR A CAUSE: LSTN

BY REBECCA SANTIAGO



It's safe to say that most of our web-browsing routines go a little something like this: we log into Facebook, scroll briefly through our updates, black out for an uncertain period of time, and then mysteriously regain our senses hours later while clicking through our high school significant other's cousin's classmate's spring-break photo album. Occasionally, a YouTube video (or 10) sneaks into this schedule, usually starring cats. Eventually, we pass out with our laptops on our stomachs, as legitimate adults do.

Two years ago, LA resident Bridget Hilton was meandering down that familiar digital rabbit hole when a YouTube video gave her pause. "You've probably clicked on it," she assures me over the phone. We're on a West Coast-to-East Coast call, and everything about her exudes California cool. "It's the viral one, where a deaf woman about my age hears her own voice for the first time. It's crazy." In fact, I do remember seeing the video, but the impact it had on me was drastically different than the effect it had on Bridget, as I likely proceeded with my usual snack-movie-nap routine after finishing it.

For Bridget, the video of the woman hearing for the first time was an eye opener. After watching the video and researching a bit, the 15-year music industry vet discovered a staggering statistic: over 360 million people worldwide are hearing impaired. And while most of those afflicted can benefit from treatment with such devices as hearing aids, only a fraction have access to the proper technology. Determined "to recreate the moment from the video on a larger scale," she rang up a close friend, Joe Huff, who had recently left his own career in fashion with unformulated but serious altruistic goals. "He had realized that the only important thing in life is helping people," says Bridget, "and we both wanted to do something that mattered." At Bridget's kitchen table, they began to draw up a business plan.

Companies like Warby Parker and TOMS had piqued the pair's interest in social enterprise, and within hours, Bridget and Joe had settled on headphones as their personal conduit for global

OVER 360 MILLION PEOPLE WORLDWIDE ARE HEARING IMPAIRED, ACCORDING TO THE WORLD HEALTH ORGANIZATION.

change. Thus, LSTN headphones were born, a sleek, high-quality marriage of Bridget's passion for music and Joe's design acumen. For every pair sold, LSTN works with the Starkey Hearing Foundation to help restore hearing to a person in need.

Even if you know very little about instruments or acoustics, you'll be impressed with the headphones' clear, resonant sound. Working with a small factory overseas, Bridget and Joe devised both over-ear and in-ear designs crafted from reclaimed wood, which Bridget believes creates a superior listening experience. "Think of how many instruments are made of wood. Material affects sound," Bridget points out.

The combination of wood and metal also makes for a sharp aesthetic. Remember how in middle school, you were fairly certain that, somewhere in this world, an object existed that would make you instantly cool? (This was in the pre-iPhone era—for me, at least.) Well, these are the adult iteration of those adolescent imaginings, and unlike the accessories you dreamed up in middle school, they're actually effective. And they're sold at Whole Foods! No joke, wearing them decidedly makes you a bit more chic, and, more importantly, a better person.



Ranging from \$50 to \$150, each pair of LSTN headphones sold helps restore hearing to a person in need.

I must admit that, as a journalist, it's in my nature to be cynical. I like to know where my money is going, and to be sure that any donation I make will really have an impact. Bridget apparently feels the same way. At least, it would explain why since launching LSTN in the spring of 2013, she and Joe have gone on four major missions in the United States and abroad, taking the time to distribute hearing aids to "lines of literal thousands," she says. Over and over, she's witnessed firsthand the extraordinary moment when someone hears for the

first time; still, she vows that "watching eyes light up never gets old." At the time of press, LSTN had helped over 20,000 people in the United States, Kenya, Peru, and Uganda to hear.

For such a young, small company, LSTN's international reach is impressive. Bridget completed two more major missions to China and Sri Lanka in the second half of 2014. To date, the headphones are available for retail purchase in the United States, Korea, Australia, and New Zealand, as well as online, with goals to expand the headphones' brick-and-mortar reach to Germany and the UK this year. With all of the positive press the company has been receiving—YouTube highlighted the company in a campaign about small businesses in 2013—LSTN seems well on its way to becoming the next big thing.

As we wind down our conversation, I can't help but ponder aloud how it is that a company with such a noble mission could have been born from such an ordinary act—by surfing the web, like I do every night. Ever nonchalant, Bridget chuckles and agrees. As we hang up, I'm still a little shell-shocked—can it really be so simple to change the world? LSTN's achievements prove that a positive global impact is sometimes only a few clicks away. [🔗](#)



Rebecca Santiago is a New York-based writer and editor, with bylines at *Architectural Digest*, *Glamour*, *Bustle*, *Boston magazine*, and more. She is an alumna of Tufts University. Follow her on Twitter at @rebsanti.





PAINTING THE MOMENT

I love painting portraits on my iPad, especially of my husband Phil, who is a willing model and always loves seeing himself in print. In each work, I try to master something new or experiment with a different technique. Here, I'm portraying a lamplit evening scene, utilizing a style in which I mixed drawing and painting. This piece is atypical for me in that I only used one brush (more on that in a bit).

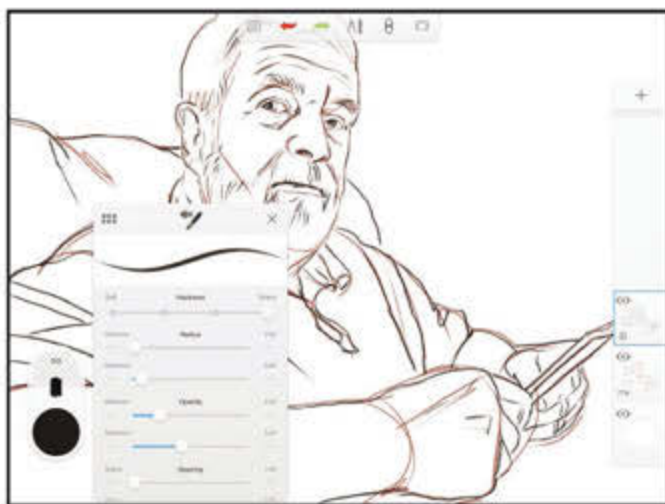
ed a 2048 x 1536 canvas size, allowing me six layers to work with. (There is only one layer in the free version; sign up for additional tools.) This is perfect for painting and large-format printing to paper, aluminum, or canvas.

START WITH A SKETCH



I began the piece with a rough sketch in **Autodesk SketchBook** (free). I like to use the **Adonit Jot Touch** stylus (\$99.95), which creates true pressure sensitivity on my iPad and allows me to rest my hand on the screen while drawing.

After finishing the sketch, I added a new layer on top, refined it in black, and then trashed the brown outline. I select-



I set the pen up in the brush editor for the sketch, and then selected the taper and opacity for the variation in the line. As I moved to block in the color in the painting, I increased the size variant and brought the opacity to almost 100 percent. Later, for blending and finishing, I decreased opacity and size once again. You might also want to experiment with the new smear and synthetic brushes.



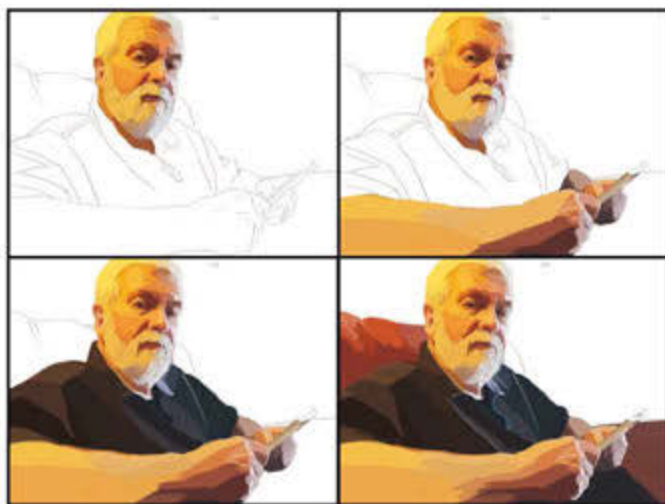
HOW TO MASTER AUTODESK SKETCHBOOK

BY SUSAN MURTAUGH

BLOCK THE SCENE USING LAYERS



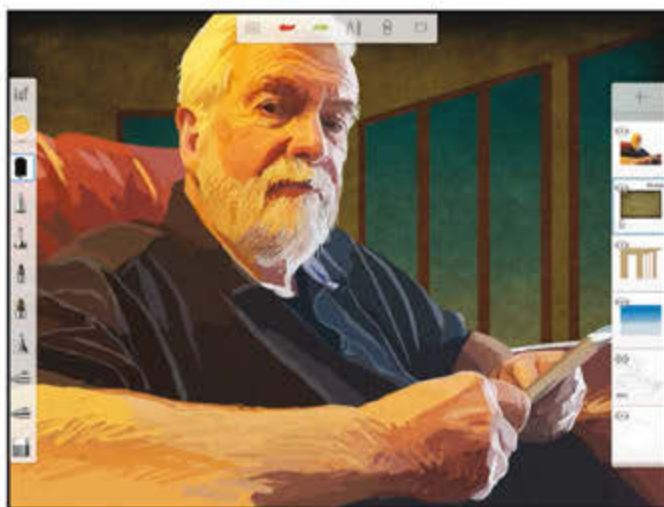
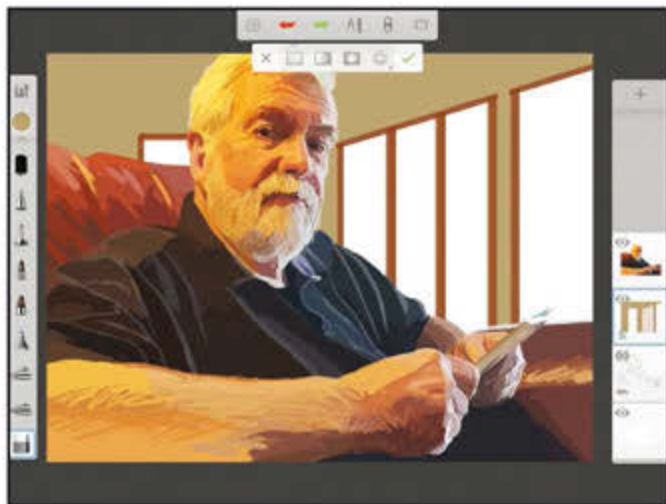
Next, I blocked in the color of the composition. I lowered the opacity of the line sketch and placed it on the topmost layer in the stack, blocking in color on the layer below it. You can rotate the canvas as well as zoom in and out while you paint, which made it easier to work quickly and efficiently. To get the entire canvas back to 100 percent, simply double tap the top right corner of the canvas.



Once I completed Phil's head, I added another layer below it and blocked in the rest of the foreground, which is composed of his body and the front chair arm. Next, I merged the two painted layers together, again making another layer below it to block in the back and rear arm of the chair. Once I was happy with it, I merged all the painted layers together.

At this point in my work, I always duplicate the piece in the gallery. This insures I have another version to revert back to in case I mess up along the way.

ADD CONTEXT AND NUANCE



Next I focused on the background. The app has some new style tools that make it easy to make rectangular shapes. By using the line tool, I made windows in the background. Using the fill tool, I quickly colored in the walls and then placed a blue linear gradient to represent the sky. After finding the

GETTING AROUND IN AUTODESK SKETCHBOOK ON YOUR IPAD

A KEY TO THE APP'S ARSENAL OF TOOLS

TOP MENU

Sign in, Save, Share, New: Save to gallery, save a copy, create a new canvas, get help, and more. From the gallery, you can share or publish your canvas to various services.

Undo Arrow, Redo Arrow

Symmetry, Transform Tool: Use the transform tool or activate symmetry to mirror what you draw on one side of the canvas to the other side.

Double Puck: This tool, which controls the brush size, type, opacity, and color, is one of the best in SketchBook's arsenal. Drag left or right from the center to ad-

just the size of your brush; drag up or down to adjust the opacity of the brush. Select the bottom puck to adjust color; drag left or right for saturation, drag up or down for brightness.

LEFT MENU

Brush Editor: Select, tweak, and store your favorite brushes. Press the brush icon to access all brushes, swipe up and down to scroll through different sets: Basic (Favorites), Synthetic Paint, Smudge, Fine Art, Texture, Shape, Splatter, and Halftone. You can also control Hardness, Radius, Opacity, Spacing and Rotation. If you have a pressure-sensitive stylus, you may tinker with it here to make it to your liking. (Be sure to turn on

your pressure-sensitive stylus in preferences first.)

Color Editor: Press the color icon to access the color wheel or to use the Copic marker color palette. Use the color wheel to find the right hue; use the center diamond to adjust saturation and brightness.

RIGHT MENU

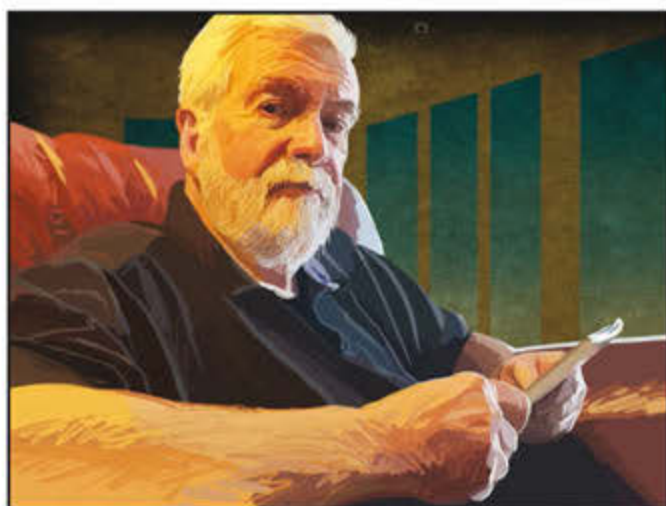
Layer Icon: Add photos, use the camera, or add a built-in template with the layer editor. You can reorder layers, control opacity, and change blend modes. Lock layer transparency gives you the option of recoloring only the active pixels on a layer.

outlined windows a bit distracting, I went for a simpler look. Clicking back on the wall layer, I turned on lock layer transparency, sampled the wall color by pressing and holding on the background color, then quickly made the brown outlines the same color as the wall.



Next, I brought in a background I created in another app, **Pixlr Express** (free). I positioned it above the wall and gradient and changed the layer from “normal” to “multiply” blending mode. This in effect made the solid picture into a transparency. The whole background became much darker while retaining its texture.

AN EYE FOR DETAIL



Next, I added a layer above the blocked-in painting. I merged the wall and blue gradient layers to make a final layer above Phil. To add greater detail, I used my smaller light opac-

ity brush and added more scribbles to the piece to bring the whole composition together.

I strategically planned the order of the final layers so I'd have the ability to make changes later. In my painting, the background was in the second layer, and the scribble blending was on top of it. This was an ideal setup, in case I wanted to change the background or go back and use another method of blending the main portrait. I like to keep my options open, as tomorrow is another day and brings a new way of looking at things.

FINISHING UP



Here it is—the finished piece. I saved it to the gallery, where I could save a copy to the iPhone's built-in Photos app or share it via Twitter, Mail, iTunes, Facebook, Flickr, or Dropbox. [🔗](#)



Susan Murtaugh is a graphic designer and iPad artist who loves sharing the joys of digital art. She is a graduate of the Chicago Academy of Fine Art and resides in Two Creeks, Wisconsin, with her husband and son. To see more of her work, visit [flickr.com/photos/suzi54241](https://www.flickr.com/photos/suzi54241).



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Hal, along with his wife Rita, founded *iPhone Life's* original publishing company, Thaddeus Computing, in 1985. You can reach him at hal@thaddeus.com. Check out Hal's new book at meditatingentrepreneur.com.

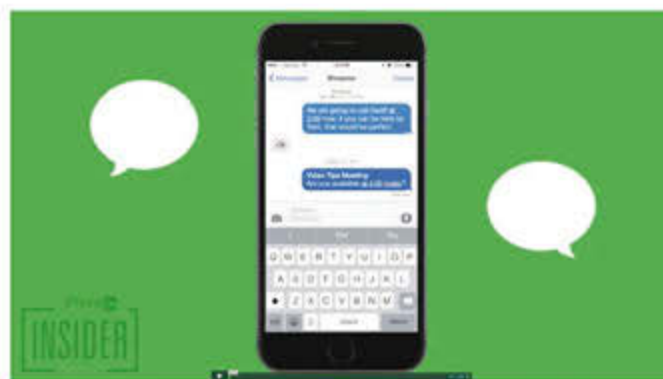


A Sneak Peek into iPhone Life Insider



iPhone Life Insider

That's why the new iPhone Life Insider program is so useful, providing video versions of the tips that are engaging and easy to absorb. The Insider tips are also sorted into categories such as "Messages," "Settings," and "iCloud," which allows me to find and review semi-forgotten tips quickly, so I can re-learn how to title messages, manage my Apple ID, and share shopping lists.



If you've been reading *iPhone Life* magazine as long as I have, you probably consider yourself pretty tech savvy. When people run into an issue with their iPhone, they likely come to you, which can be both flattering and slightly intimidating. Maybe they want to know how to use Siri to search the Internet or take a great photo using their iPhone's camera. Perhaps their question is about something as simple as how to schedule reminders or send messages. Despite your familiarity with technology, you also realize how much you don't know—how much of the iPhone's potentiality you could harness to increase your joy, productivity, and competitiveness.

As the founder of iPhone Life, people often assume I'm an iPhone expert, and although I've picked up a lot of knowledge over the years, my real expertise has been in running a niche publishing company. There's certainly a lot more to learn, especially considering the remarkable rate with which technology is advancing.

Free Daily Tips

Ever since the launch of iPhone Life's free daily tips program a year ago, in which we deliver short iPhone tutorials to subscribers each day, I've enjoyed both refreshing my knowledge of the iPhone's basic functions and also mastering features I hadn't even realized existed. To be honest, I tend to retain only about 50 percent of the knowledge I gain, and I certainly wouldn't like to be quizzed on the material in a month.

When you become an Insider, you'll also gain access to *iPhone Life* magazine's digital archives, which I have found especially helpful. If I am in the market for a keyboard, for instance, it's easy to search all the archives for "keyboard" articles. Or if I have a few minutes, I can skim through the table of contents of a back issue to see which articles spark my interest. iPhone Life is also testing out its new "Ask an Editor" feature, allowing Insiders to get answers to their iPhone-related questions by communicating with one of the company's editors personally.

Our team has also been working hard on in-depth video guides, which are comprehensive step-by-step tutorials on topics ranging from photo management to Family Sharing.

At the time of writing, the team has decided to offer the program for half off the regular price when you purchase a year's subscription, which amounts to only \$2.49/month for video tip access and \$4.99/month for unlimited access to the video tips, guides, "Ask an Editor" feature, and magazine archives. For those of you who sign up at iPhoneLife.com/Insider, please email your feedback to Insider@iphonelife.com. [🔗](#)



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